

ROCK-UNIT REPORTS OF 228 WELLS DRILLED
ON THE NORTH SLOPE, ALASKA

By

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Open-File Report
82-278

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

Menlo Park, California
January 1982

TABLE OF CONTENTS

	Page
Introduction	1
Format of rock-unit report	2
Stratigraphy	2
Rock-unit reports	11
References	104

ILLUSTRATIONS

Figure 1. Explanation of format of rock-unit report	3
Figure 2. Cretaceous-Tertiary stratigraphic terminology	8
Figure 3. Pebble shale nomenclature	10
Figure 4. Explanation of API well number system	12
Figure 5. Well location map for 5 quadrangles	13
Figure 6. Well location map for 7 quadrangles	14
Figure 7. Well location map for 4 quadrangles	15

TABLES

Table 1. North Slope stratigraphic nomenclature	4
Table 2. Listing of wells by API number	16
Table 3. Listing of wells by name	18

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INTRODUCTION

This paper presents in a series of rock-unit reports my identification of rock units and depths of penetration (using wireline and lithologic logs) for 228 wells from the North Slope, Alaska. Initially, I conceived of the compilation as an exercise to develop a consistent set of interpretations for wells in the National Petroleum Reserve in Alaska (NPRA). Subsequently, the study expanded to include most exploratory wells, and selected production wells, of the North Slope, utilizing the current files of the U.S. Geological Survey, Menlo Park, California.

In this paper, the term "rock-unit report" refers to general well information, rock units, and depths which have been computer encoded and printed for each well. In addition to the rock-unit reports, this paper incorporates: an explanation of the report format (fig. 1); a compilation of North Slope stratigraphic names (table 1, figs. 2 and 3); various listings of wells (tables 2 and 3) and maps for locating particular wells (figs. 4 through 7). Encoding and printing are by Petroleum Information Corporation (PI) of Denver, Colorado under a contract between PI and the U.S. Geological Survey.

Similar compilations for North Slope wells have previously been undertaken, and these include: Collins and Robinson (1967) for wells drilled in the exploration of Naval Petroleum Reserve No. 4 (Pet-4 program); Tailleur and others (1978) for industry wells drilled outside of the Petroleum Reserve; Alaska Geological Society (1971, 1972, 1977, 1981) for wells shown in four correlation sections; and Bird and Andrews (1979) and Molenaar (1981) for studies of Cretaceous rocks in NPRA. I have included all wells from these previous compilations in addition to many new wells. However, the stratigraphic names and depths used in this report are not always in agreement with these earlier compilations.

Numerous people have contributed to this compilation. I gratefully acknowledge the invaluable discussions and support of L. B. Magoon (U.S. Geological Survey), discussions of stratigraphy over the last 20 years with North Slope investigators too numerous to mention, and the efforts of D. Headley, P. K. LeGrand, M. A. Martin, W. L. Materna, N. A. Palik, L. A. Wilcox, and G. R. Winger (PI). This manuscript has benefited from the review and criticism of W. P. Brogge and C. M. Molenaar; however, the author accepts full responsibility for its content.

FORMAT OF ROCK-UNIT REPORT

The rock-unit report consists of a heading of general well information above a tabulation of rock units and depths. Format details are offered in figure 1. Heading information is obtained from well history documents.

Latitude and longitude for bottom-hole locations, which are not provided in the well history for slant-drilled holes, were measured from maps made by the Alaska Oil and Gas Conservation Commission of the Harrison Bay, Prudhoe Bay, and Mikkelsen Bay areas (scale: 1 in. = 5,280 ft). Accuracy of the bottom-hole locations thus obtained is estimated to be within five seconds of latitude or longitude.

In each report only the penetrated rock units are listed. The rock-unit names are abbreviated, and the abbreviations are explained in table 1. Not shown in table 1, but present in the PI computer file, are abbreviations for thrust faults (T/FAULT) and normal faults (N/FAULT). Both types of faults are known to intersect North Slope wells, but only thrust faults that repeat rock-unit boundaries are included in these reports.

Rock-unit identification is according to published definitions, or as explained in the stratigraphy section of this report. Evidence used to identify rock units is included in the reports (fig. 1); the most common type reported is "LOG" evidence. Distinct log deflections were used to pick a precise horizon, but identification of most units depended on the lithology as well as the log character. With the exception of surface depths, all depths are rounded off to the nearest five feet to compensate for inconsistencies produced by cable stretch between log runs.

In slant-drilled holes four depth columns are presented instead of the usual two columns for vertical-drilled holes (fig. 1). There are two columns of "measured" and "true vertical" depths for each of the rock-unit tops and bottoms. Measured well depths have been converted to true vertical well depths by using the conversion tables provided with the well history.

STRATIGRAPHY

Stratigraphic nomenclature in the rock-unit reports employs both formal and informal terms. In the selection of rock units for inclusion in the reports, my object was to show regional relations rather than local details. Hence, groups and formations are reported more often than members.

Informal names are used for new, unnamed rock units or in instances where present terminology does not accurately express the stratigraphic relations. These names are marked with an asterisk in table 1, and by their use I hope to draw attention to an increased level of stratigraphic information and the consequent need for additional study. To define new rock units or to redefine old ones is beyond the scope of this paper.

Table 1 presents a list of all formal and informal North Slope stratigraphic names, abbreviations, and ages currently in the PI computer file.

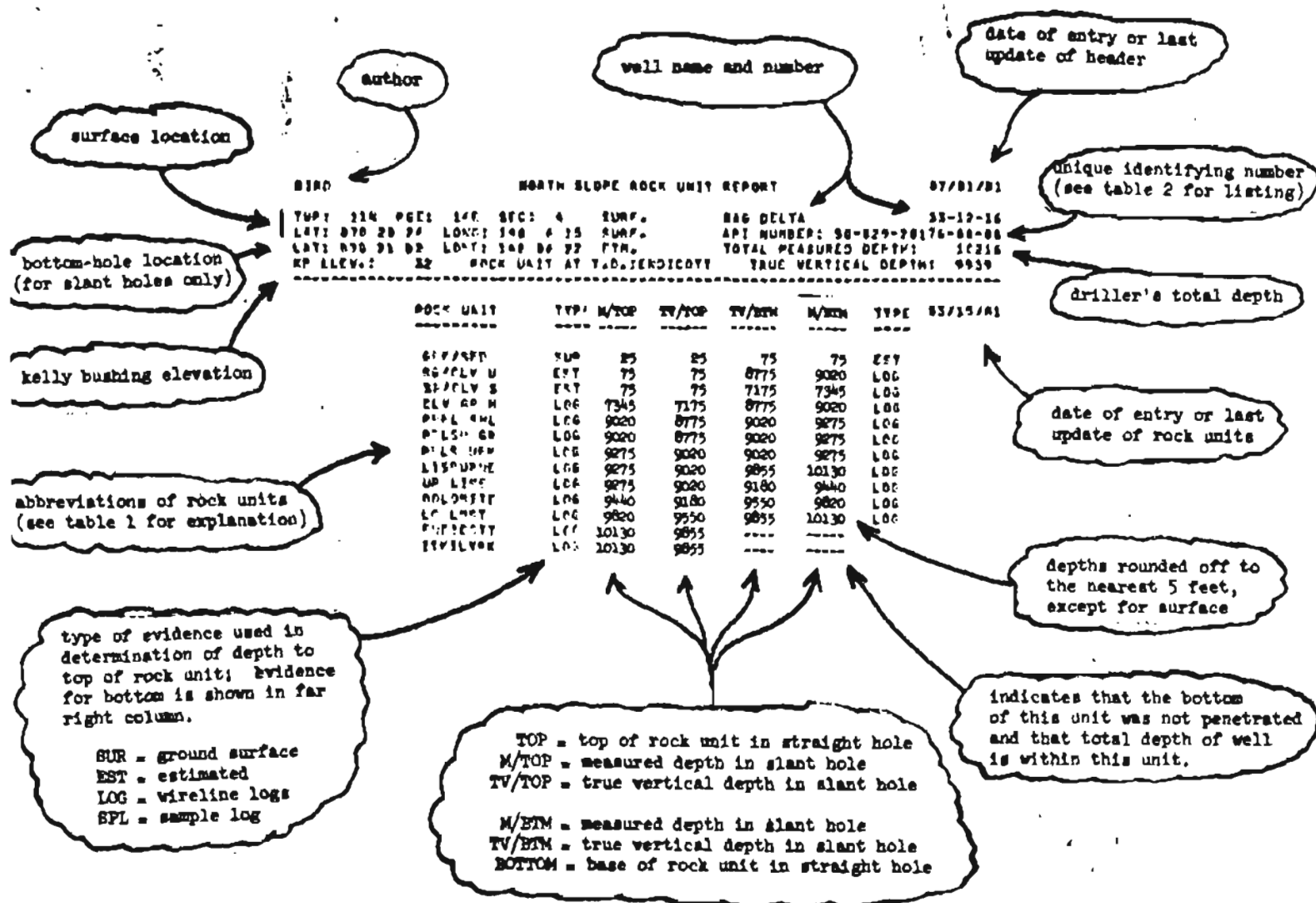


Figure 1. Explanation of format of the rock-unit report. The report shown here is that of a slant-drilled well which characteristically has two depth columns more than a report for a vertical well bore. All elevations and depths are expressed in feet.

Table 1. Listing of North Slope stratigraphic names, ages, and rock-unit abbreviations currently in the PI computer file. Order of listing is from youngest to oldest; however, superposition of units is not implied. Asterisk (*) indicates informal name. Numbers correspond to comments in this report.

AGE	ROCK UNIT ABBREVIATION	GROUP	FORMATION	REMARKS
QUATERNARY	SURFICL		*surficial deposits	1
"	QUBIK		Gabik	
"	SFD/UBK		*surficial deposits/Gabik	
TERTIARY	SAGVANIRK		Sagavanirktok	2
NEOGENE	BUWOK			
PALEOGENE	FRANKIN_SF			
"	SAGVON			
TERTIARY/CRETACEOUS	SG/CLV_U	*Sagavanirktok - Colville undifferentiated		3
"	SG/CLV_S	*Sagavanirktok - Colville sandstone		
"	CLV_GP_N	*Colville Group shale		
LATE CRETACEOUS	COLVILLE	Colville		
"	CLV_GP_S		*Colville Group sandstone	
"	PRINCE_CR		Prince Creek	
"	KOGOSUK			Kogosukruk Tongue
"	TULV			Tuluvak Tongue
"	SCHRADER_SF		Schrader Bluff	
"	BENTINEL_HL			Bentinel Hill
"	BARROW_TR			Barrow Trail
"	ROGERS_CR			Rogers Creek
"	SEABEE		Seabee	
"	AYIYAK			Ayiyak
"	SHL_WALL			Shale Wall
EARLY-LATE CRETACEOUS	MANUSHUK	Manushuk		4
"	CORWIN		Corwin	
LATE CRETACEOUS	MINULUK		Minuluk	
EARLY CRETACEOUS	CHANDLER		Chandler	
"	WIAKOGON			Wiakogon Tongue
"	KILLIK_TNG			Killik Tongue
"	TUKTU		Tuktu	
"	GRANDSTND		Grandstand	
"	KUKPOVRUK		Kukpovruk	
"	TOROK		Torok	5
"	LTR/PTM		*Lower Torok - Fortress Mountain undifferentiated	
"	FORTRESS_M		Fortress Mountain	
"	BATHUB		Bathub Graywacke	
"	OKPIKUK		Okpikruk	8
"	KONGAKUT		Kongakut	
"	KONG_SLT			
"	KONG_PS			
"	KEMIK			8
"	KONG_CSH			
				miltstone
				pebble shale
				Kemik Sandstone
				clay shale

Table 1. -- continued

	TOKTU		Tuktu	
	GRANDSTND		Grandstand	
	KUKPOWUK		Kukpowuk	
	TOROK		Torok	5
	LFK/PTM		*Lower Torok - Fortress Mountain undifferentiated	6
	FORTMNT		Fortress Mountain	7
	BATHUB		Bathub Graywacke	8
	OKPIKUK		Okpikuk	
	KONGAKUT		Kongakut	
	KONG_SLT		siltstone	8
	KONG_PS		pebble shale	
	KENIK		Kamik Sandstone	
	KONG_CSH		clay shale	
	PBLS_SHL		*Pebble-shale	9
	PBLSH_OR		*Gemma ray zone	
	PBLSH_S		*Basal sandstone	
	PBLS_UFM		*Unconformity	
	KUPARUK		Kuparuk River	10
EARLY CRETACEOUS - EARLY JURASSIC	IPWIK		Ipewik	11
EARLY CRETACEOUS	TONGUPK		Tongerupuk	
EARLY CRETACEOUS - JURASSIC	KINGAK		Kingak Shale	12
JURASSIC	SIMPEN_BS		*Simpson sandstone	13
"	BARROW_B		*Barrow sandstone	14
TRIASSIC	SAG_RV_B		Sag River	15
"	SHALE		shale	
"	SANDST		sandstone	
"	KAREN_CR		Karen Creek	16
"	SHUBLIK		Shublik	
MEDIAL JURASSIC - ? PENNSYLVANIAN	ETIVLUK	Etivluk		17
MEDIAL JURASSIC - TRIASSIC	OTUK		Otuk	
JURASSIC	BLANKSHIP		Blankenship	
PERMIAN - ? PENN.	SIKSIKPUK		Siksiipuk	
TRIASSIC - PERMIAN	SADLROCT	Sadlerochit		
TRIASSIC	FIRE_CRK		Fire Creek Siltstone	18
"	IVESH_BS		Ivishak Sandstone	
TRIASSIC - PERMIAN	KAVIK_SH		Kavik Shale	
PERMIAN	ECHOOKA		Echooka	
"	IKIKPUK		Ikikpuk	
"	JOE_CREEK		Joe Creek	
PERMIAN AND MISS.	MUKA		Muka	
PENN. - MISS.	LISBURN	Lisburne		

Table 1. -- continued

TRIASSIC - PERMIAN	SADLACT	Sadlerochit		
TRIASSIC	FIRE_CRK		Fire Creek Siltstone	(=Fire Creek Siltstone)
"	IVEX_SS		Ivishak Sandstone	(=Ledge Sandstone)
TRIASSIC - PERMIAN	KAVIK_SH		Kavik Shale	(=Kavik)
PERMIAN	ECHOOKA		Echooka	-
"	IKIAKPAURAK			Ikiakepaarak
"	JOE_CREEK			Joe Creek
PERMIAN AND MISS.	MUKA		Muka	
PENN. - MISS.	LISBURN	Lisburne		
" "	WABOO_LS		Waboo Limestone	
" "	UP_LIME		*Upper limestone unit	19
MISSISSIPPIAN	ALPH_LS		Alaph Limestone	
"	DOLomite		*Dolomite unit	17
"	LO_LIME		*Lower limestone unit	
"	KUNA		Kuna	
"	TUPIK		Tupik	
"	KOGRUK		Kogruk	
"	WASORAK		Wasorak	
"	WACHM_LS		Wachsmuth Limestone	
"	UTUKOK		Utukok	
MISS. - DEVONIAN	ENDICOTT	Endicott		
MISSISSIPPIAN	ITKILYRIK		Itkilyarik	20
"	KAYAK_SH		Kayak Shale	
"	KELIKTUK		Keliktuk Conglomerate	
MISS. - DEVONIAN	MOSTAK		Mostak Sandstone	
LATE DEVONIAN	KANAYUT_CGL		Kanayut Conglomerate	
" "	HUNT_FK		Hunt Fork Shale	
" "	BEAUCOUP		Beaucoup	21
DEVONIAN-SILURIAN	BAIRD	Baird		
LATE & MEDIAL DEV.	ELI_LIME		Eli Limestone	
" "	KUGURUK		Kuguruk	
DEVONIAN-SILURIAN	SKAJIT		Skajit Limestone	
MED. DEV. & OLDER	BEN_CPLX	*Basement complex		22
MEDIAL (?) DEVONIAN	BANOOK		Banook Limestone	
DEVONIAN OR OLDER	KATAKTURUK		Katakturuk Dolomite	
" "	ARGILLITE		*Argillite	23
PRECAMBRIAN	BERUOKPUL		Beruokpuk Quartzite	24

The most recent comprehensive summary of North Slope stratigraphic names is that of Kopf (1970). Names used herein and proposed since his summary are referenced; informal names are explained in the following paragraphs (paragraph number corresponding to the number in table 1).

(1) Quaternary deposits on the North Slope have been assigned to the Gubik Formation or surficial deposits. In most wells, rocks of this age are unconsolidated, less than a few hundred feet thick, and neither sampled nor logged. To reflect this general lack of information, the informal term "surficial deposits/Gubik Formation" is used in the rock-unit reports, and the thickness is usually estimated (EST). For information on these rocks east of NPRA see Detterman and others (1975), and for NPRA see Williams and others (1977).

(2) The Sagavanirktok Formation, defined by Gryc and others (1951), has been subdivided by Detterman and others (1975) into members. The formation and members are characterized by incomplete and widely scattered surface exposures. These poor exposures and the lithologic similarity to overlying and underlying strata make the accurate mapping of this formation most difficult. With the availability of well data, the problem of the limits of the formation arose. To clarify the limits, Detterman and others (1975, p. 37) include within the Sagavanirktok Formation "all of the beds above the top of the Upper Cretaceous Prince Creek Formation and below the Quaternary (Gubik Formation) surficial deposits . . ." Because of the remaining uncertainty of the lithologic distinctions and the importance of age to the definition, this formational name was not used in the rock-unit reports. Instead, a set of informal terms was used, as explained below.

(3) Tertiary-Cretaceous stratigraphic relations showing both formal and informal nomenclature are summarized in figure 2. These informal names are used in the rock-unit reports, and, as explained below, they are based on gross lithologic features without regard to age.

"Sagavanirktok-Colville undifferentiated" includes all strata assigned to the Colville Group and to the Sagavanirktok Formation. From west to east this informal rock unit progressively overlies the Nanushuk Group, the Torok Formation, and the pebble shale. The age is Late Cretaceous and Early Tertiary. This rock unit consists of two parts: an upper part composed mostly of sandstone and shale and a lower part composed mostly of shale.

"Sagavanirktok-Colville sandstone," representing the upper part of the "Sagavanirktok-Colville undifferentiated," consists of interbedded sandstone, shale, coal, and conglomerate. The upper boundary is placed at the base of the surficial deposits, and the lower boundary is placed at the base of the lowest consistent sandstone overlying a thick (1000+ ft) shale section. In the west (NPRA) this rock unit is mostly of Late Cretaceous age and includes the Prince Creek and Schrader Bluff Formations. East of NPRA this rock unit is of Late Cretaceous and Tertiary age, and includes the Sagavanirktok Formation, the "Colville Group sandstone" of Pessel and others (1978a), and the recently proposed West Sak Sandstone of Jamison and others (1980).

"Colville Group shale," representing the lower, predominantly shale portion of the "Sagavanirktok-Colville undifferentiated," is a term used by

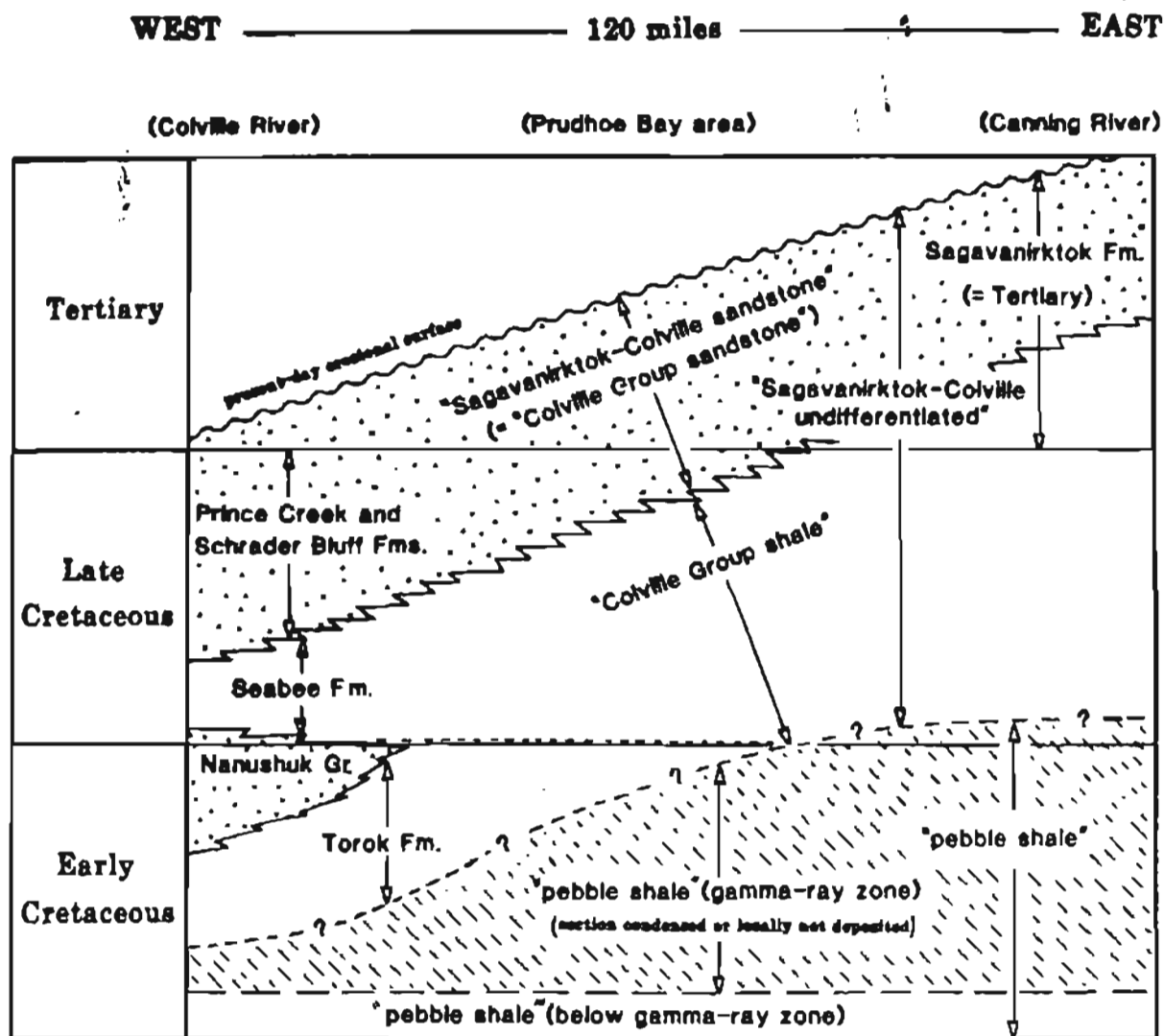


Figure 2. Generalized Tertiary and Cretaceous stratigraphic relations and nomenclature for the coastal plain province, eastern half of the North Slope as discussed in this report. Amount of time represented by pebble shale gamma-ray zone is poorly controlled and largely conjectural. Early Cretaceous, sub-pebble shale rock units are not shown here. Informal names are enclosed in quotation marks.

Pessel and others (1978b). In NPRA this rock unit corresponds to the Late Cretaceous Seabee Formation. Most of the "Colville Group shale" near the mouth of the Canning River is of Early Tertiary age (Wharton, 1981). Varying amounts of sandstone, present in the lower part of this unit, are believed to be deep-water turbidite deposits similar to those in the lower part of the Torok Formation (Bird and Andrews, 1979; Molenaar, 1981).

(4) See Ahlbrandt (1979) and Molenaar (1981) for important summaries of Nanushuk Group terminology and relations.

(5) Following the suggestion of Molenaar (1981), the name Torok is used in place of the Oumalik and Topagoruk Formations of Collins and Robinson (1967).

(6) "Lower Torok-Fortress Mountain Formation" is used in wells in the foothills to indicate uncertainty in distinguishing basin-plain turbidite and shale deposits belonging to the Fortress Mountain Formation from those of the Torok Formation (Molenaar and others, 1981, p. 12). The top of this unit is selected at the highest consistent sandstone below a thick (1000+ ft) Torok shale section. The base of the unit is the top of the pebble shale.

(7) See Molenaar and others (1981) for recent work on the Fortress Mountain Formation. They recommend this name be restricted to outcrop areas.

(8) New formation and member names proposed by Detterman and others (1975) for outcropping rocks.

(9) These four informal names are used instead of those of the Kongakut because the uppermost and lowermost members of the Kongakut Formation are not present or are not applicable in the subsurface. Stratigraphic relations, terminology, and characteristic log response of the "pebble shale" are offered in figure 3. The gamma-ray zone of the pebble shale comprises a condensed section of deep marine shale interpreted as representing progressively more geologic time in an easterly direction as shown in figure 2 (also see Molenaar and others, in press).

(10) Jamison and others (1980) have provided details on the Kugaruk River Formation. Their terminology and criteria are followed here.

(11) Two new names proposed by Crane and Wiggins (1976). See Molenaar (1981) for the regional setting of this formation.

(12) Following the suggestion of Molenaar (1981), Early Cretaceous (Neocomian) strata below the pebble shale are included in the Kingak Shale.

(13) The Simpson sandstone is an informal name for a Middle or Late Jurassic glauconitic sandstone within the Kingak Shale in north-central NPRA. The sandstone is identified as that interval in the Kugrua, Peard, South Meade, and Topagoruk wells that correlates with the sandstone interval 6,525 to 6,705 ft in South Simpson No. 1.

(14) The Barrow sandstone is an informal name for an Early Jurassic highly bioturbated silty sandstone near the base of the Kingak Shale in

SOUTH MEADE # 1
API 50-163-20001

←----- (250 miles) -----→

BELI UNIT # 1
API 50-179-20002

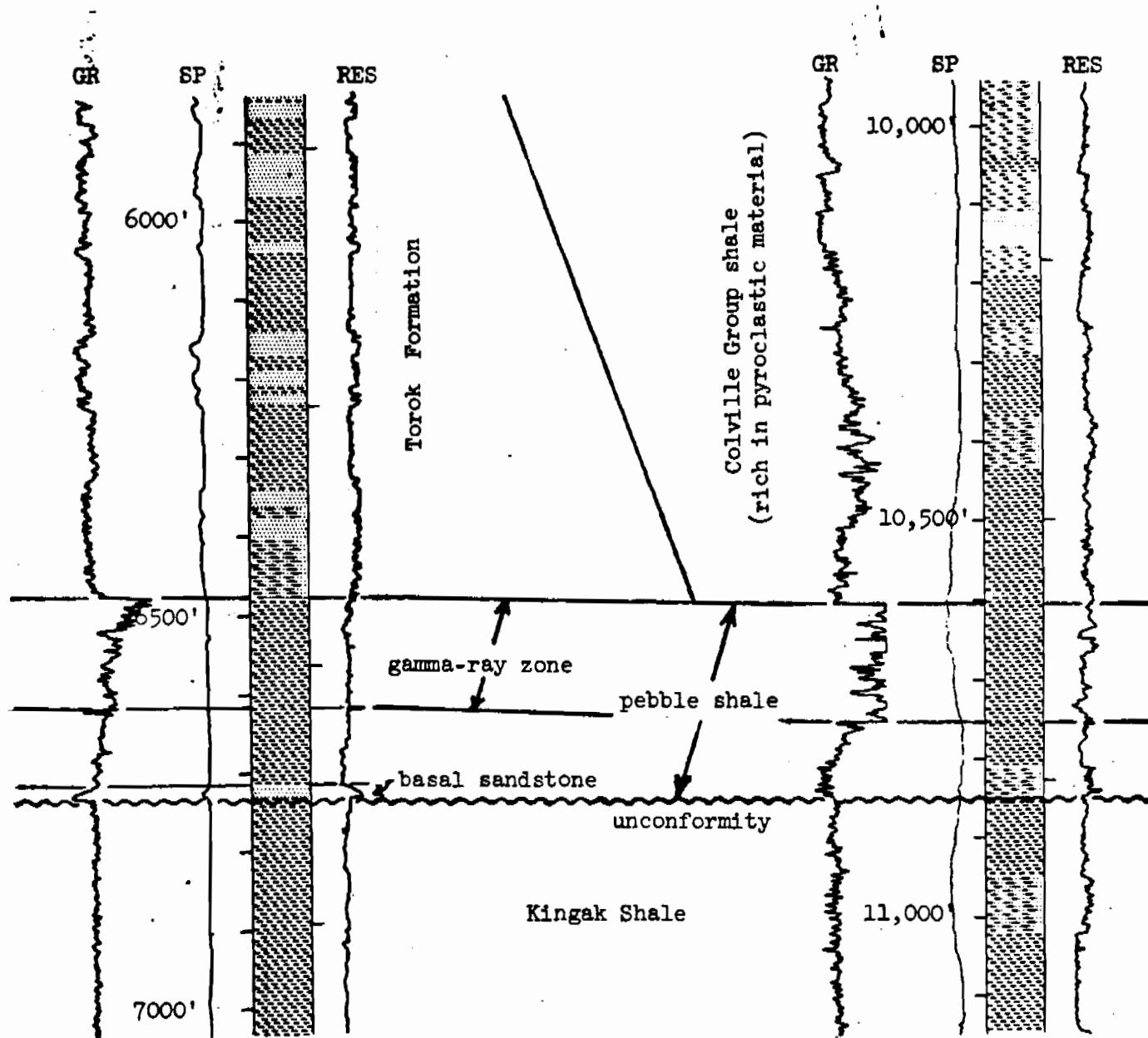


Figure 3. Details of pebble shale nomenclature as used in this report are shown above. The distinctive namesake lithology -- rounded chert pebbles and quartz grains "floating" in shale -- is found in South Meade from the top of the gamma-ray zone to the unconformity whereas in Beli it is present only in the lower 80 feet of the pebble shale interval. Although the lower part of the pebble shale is of Neocomian age, the gamma-ray zone probably represents condensed, starved basin deposition and increasing amounts of post-Neocomian time in an easterly direction as shown in figure 2.

northern NPRA. Gas accumulations in this sandstone at Barrow are discussed by Lantz (1981).

(15) The Sag River Sandstone has been redefined and renamed the Sag River Formation by Jones and Speers (1976). Their terminology and criteria are followed here.

(16) Karen Creek Sandstone is a new name proposed by Detterman and others (1975) for outcropping rocks.

(17) The Etivluk Group, Otuk Formation, Blankenship Member, and Kuna Formation are new names proposed by Mull and others (in press).

(18) Formational names for units in the Sadlerochit Group above the Echooka Formation are those proposed by Jones and Speers (1976). The member names are those proposed by Detterman and others (1975) for subdivisions of their Ivishak Formation. In the rock-unit reports, the subsurface-based nomenclature of Jones and Speers is followed in which these subdivisions are elevated to formations. The top of the Sadlerochit is selected at the prominent resistivity low beneath the limey siltstone and shale of the Shublik Formation.

(19) Informal names utilized by Bird and Jordan (1977) for the subdivisions of the Lisburne Group in the Prudhoe Bay area.

(20) Itkilyariak Formation is a new name proposed by Mull and Mangus (1972).

(21) The Beaucoup Formation is a new name proposed by Dutro and others (1978).

(22) Basement complex is an informal name for all rocks in the subsurface older than the Endicott Group.

(23) Argillite is an informal name for the most common rock type encountered in the subsurface "basement complex." The age of this rock type is Ordovician-Silurian in wells at Barrow and Prudhoe (Carter and Laufeld, 1975). This rock type is referred to as Neruokpuk Formation in some publications (Alaska Geological Society, 1972, 1977).

(24) The Neruokpuk Formation has been redefined and renamed Neruokpuk Quartzite by Reiser and others (1978) to restrict the term to Precambrian rocks.

ROCK-UNIT REPORTS

The following rock-unit reports are computer printouts by PI and are arranged sequentially by API number. Various listings and maps are provided to aid in locating any particular well. Wells may be located by API number (table 2), by name (table 3), or by geographic location (figs. 4 through 7). Explanation of the report format is presented in figure 1.

API NUMBER 50-301-10001-00-00

STATE CODE FOR ALASKA ALASKAN QUADRANGLE CODE WELL CODE* DIRECTIONAL SIDETRACK HOLE CHANGE

* On January 1, 1967 State began numbering current wells serially within quadrangles, starting with 20001. All wells previously drilled have been assigned API well numbers serially within each USGS quadrangle, starting with 10001.

NORTH SLOPE QUADRANGLE NAME

QUADRANGLE CODE

ARCTIC	011
BARROW	023
BARTER ISLAND	025
BEECHY POINT	029
CHANDLER LAKE	057
DE LONG MTS.	073
DEMARCATION PT.	075
FLAXMAN ISLAND	089
HARRISON BAY	103
HOWARD PASS	111
INUPKUK RIVER	119
KILLIK RIVER	137
LOOKOUT RIDGE	155
MEADE RIVER	163
MISHEGUK MTN.	171
MT. MICHELSON	179
PHILIP SMITH MTS.	203
POINT HOPE	205
SAGAVANIRKTOK	223
TABLE MTN.	263
TESHEKPUK	279
UMIAT	287
UTUKOK RIVER	297
WAINWRIGHT	301

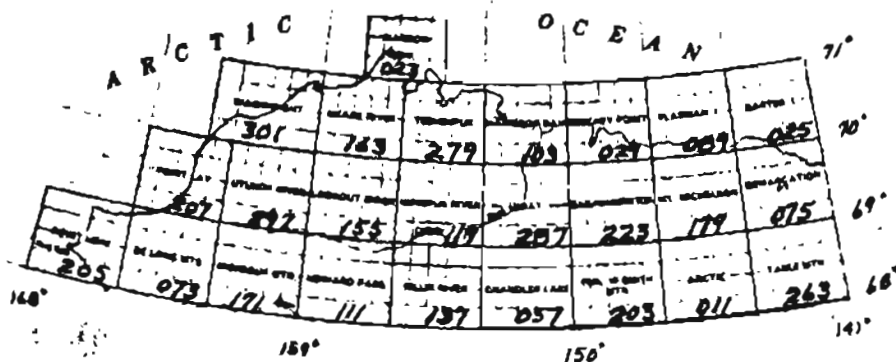


Figure 4. Explanation of the API well number system as applied to North Slope wells. For more detailed information refer to American Petroleum Institute (1979).

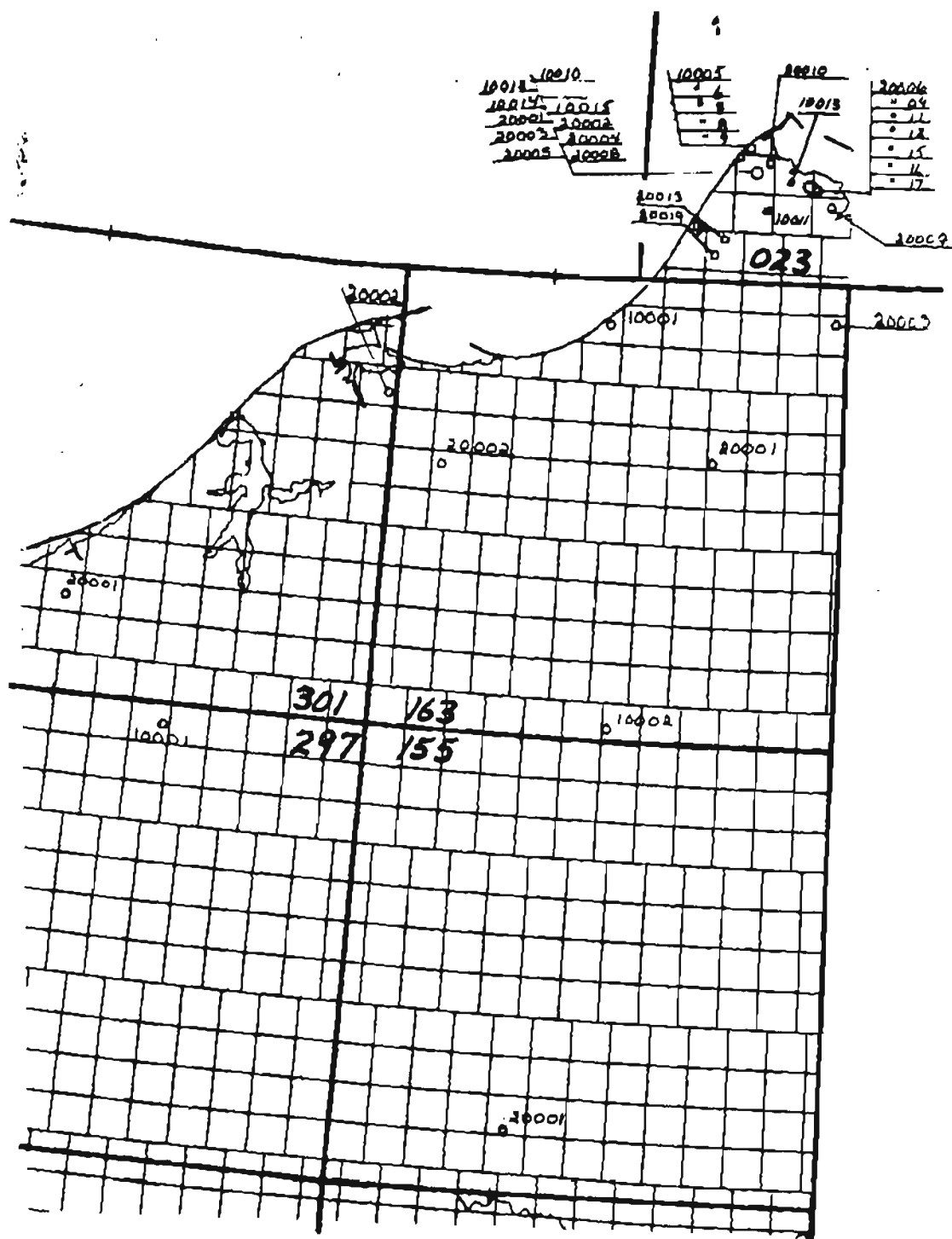


Figure 5. Five North Slope quadrangles showing approximate locations of wells with rock-unit reports. Quadrangles and wells are identified by appropriate codes (fig. 4); wells are listed in tables 2 and 3.

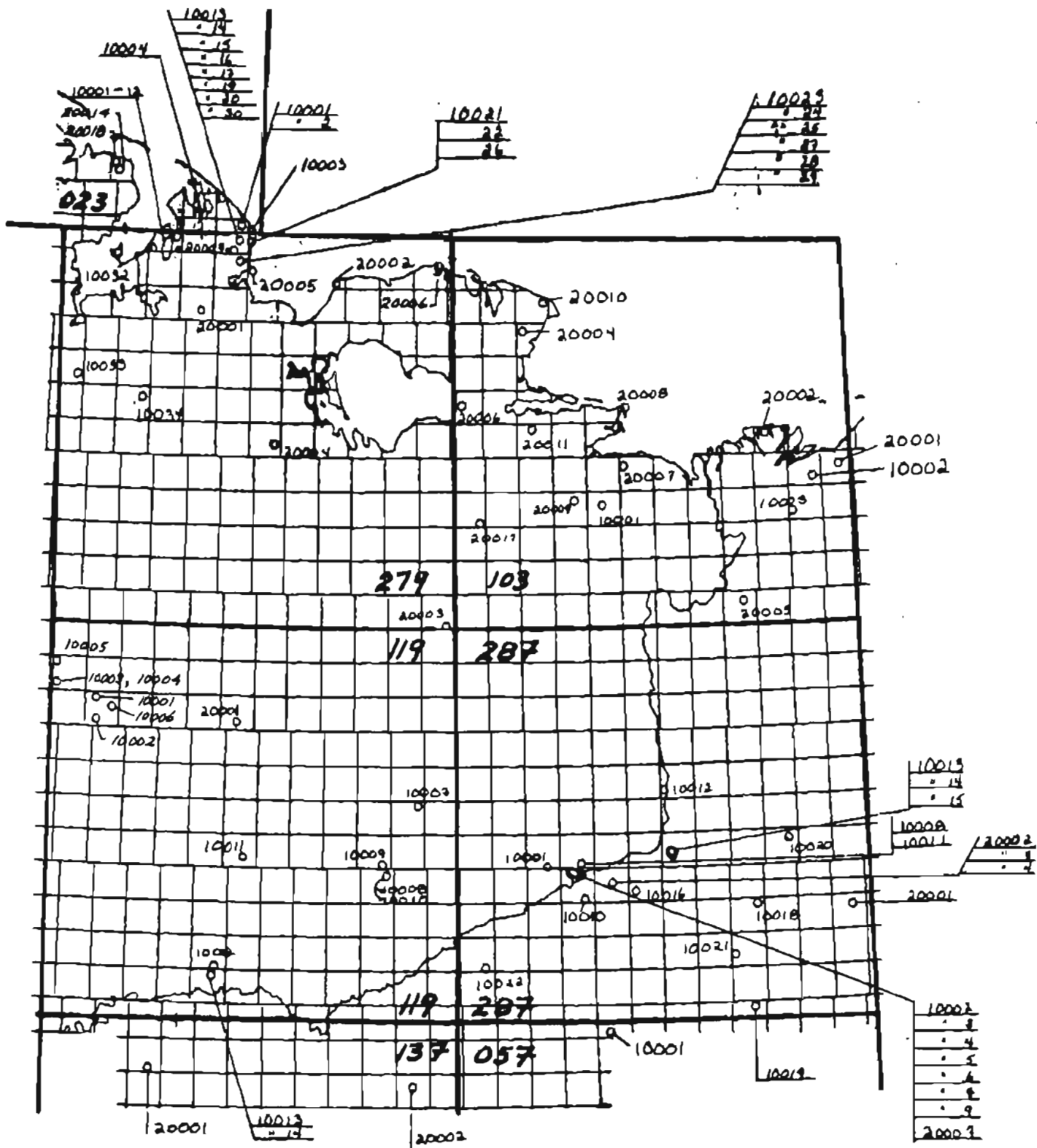


Figure 6. Seven North Slope quadrangles showing approximate locations of wells with rock-unit reports. Quadrangles and wells are identified by appropriate codes (fig. 4); wells are listed in tables 2 and 3.

Table 2. API well number listing of North Slope wells with rock-unit reports. API well number code is explained (fig. 4) and wells located (figs. 5-7).

API NUMBER	WELL NAME	SEC	TWP	RGE	API NUMBER	WELL NAME	SEC	TWP	RGE
50023100010000	SIMPSON (CORE TST) NO. 21	13	N 19	W 11	50029200020000	PUT RIVER (J-1) NO. 9-11-13	9	N 11	E 13
50023100020000	SIMPSON (CORE TST) NO. 23	1	N 19	W 11	50029200021000	KAD RIVER NO. 1	4	N 8	E 10
50023100030000	SIMPSON (CORE TST) NO. 24	6	N 19	W 10	50029200022000	KUP RIVER NO. 21-12-13	21	N 12	E 13
50023100040000	NORTH SIMPSON NO. 1	26	N 20	W 12	50029200027000	MURL NO. 5-10-13	5	N 10	E 13
50023100050000	BARROW CORE RIG NO. 1	22	N 23	W 18	50029200028000	KAVEARAK POINT NO. 32-25	25	N 13	E 10
50023100060000	BARROW CORE RIG NO. 2	27	N 23	W 18	50029200029000	SIMPSON LAGOON NO. 32-14	14	N 13	E 9
50023100070000	BARROW BIG RIG NO. 1	22	N 23	W 18	50029200030000	SAG DELTA NO. 31-18-16	31	N 18	E 16
50023100080000	BARROW (CORE TST) NO. 1	22	N 23	W 18	50029200031000	LAKE 79 FEDERAL NO. 1	1	N 8	E 17
50023100090000	SOUTH BARROW NO. 1	28	N 23	W 18	50029200032000	NORTH KUPARUK NO. 26-12-12	26	N 12	E 12
50023100100000	SOUTH BARROW NO. 2	14	N 22	W 18	50029200033000	PUT RIVER NO. 19-10-15	19	N 10	E 15
50023100110000	SOUTH BARROW NO. 3	24	N 21	W 18	50029200034000	SOUTHEAST EILEEN 1 NO. 35-11-12	35	N 11	E 12
50023100120000	SOUTH BARROW NO. 4	14	N 22	W 18	50029200035000	TOOLIK FEDERAL NO. 2	5	N 8	E 12
50023100130000	AYAK NO. 1	17	W 22	W 17	50029200036000	PUT RIVER (M-1) NO. 01-11-12	1	N 11	E 12
50023100140000	SOUTH BARROW NO. 5	14	N 22	W 18	50029200037000	PRUDHOE BAY DS 1-1 NO. 8-18-19	8	N 18	E 15
50023100150000	SOUTH BARROW NO. 6	14	N 22	W 18	50029200038000	PUT RIVER NO. 33-12-13	33	N 12	W 13
50023200010000	SOUTH BARROW NO. 7	14	N 22	W 18	50029200039000	BEECHY POINT NO. 1	20	N 12	E 12
50023200020000	SOUTH BARROW NO. 8	14	N 22	W 18	50029200040000	NORTH PRUDHOE BAY NO. 1	23	N 12	E 14
50023200030000	SOUTH BARROW NO. 9	11	N 22	W 18	50029200041000	TOOLIK FEDERAL NO. 3	4	N 8	E 9
50023200040000	SOUTH BARROW NO. 10	14	N 22	W 18	50029200042000	EAST UENU NO. 1	17	N 12	E 10
50023200050000	SOUTH BARROW NO. 11	14	N 22	W 18	50029200043000	PUT RIVER (O-1) NO. 23-11-13	23	N 11	E 13
50023200060000	SOUTH BARROW NO. 12	23	N 22	W 17	50029200044000	MIKKELSEN BAY NO. 13-9-19	13	N 9	E 19
50023200070000	IKO NO. 1	16	N 21	W 16	50029200045000	PUT RIVER (P-1) NO. 31-11-4	31	N 11	E 14
50023200080000	SOUTH BARROW NO. 13	14	N 22	W 18	50029200046000	KUPARUK STATE NO. 33-11-12	33	N 11	E 12
50023200090000	SOUTH BARROW NO. 14	25	N 22	W 17	50029200047000	KUPARUK STATE NO. 7-11-12	7	N 11	E 12
50023200100000	SOUTH BARROW NO. 16	1	N 22	W 18	50029200048000	PRUDHOE BAY (DS 2-4) NO. 36-11-14	36	N 11	E 14
50023200110000	SOUTH BARROW NO. 17	30	N 22	W 16	50029200049000	KUP DELTA NO. 51-1	11	N 12	E 13
50023200120000	SOUTH BARROW NO. 19	23	N 22	W 17	50029200050000	PLACID ET AL STATE NO. 3-10-13	3	N 10	E 13
50023200130000	WALAKPA NO. 1	9	N 20	W 19	50029200051000	KUPARUK STATE NO. 24-11-12	24	N 11	E 12
50023200140000	WEST DEASE NO. 1	21	N 21	W 14	50029200052000	MILNE POINT NO. 18-1	11	N 13	E 18
50023200150000	SOUTH BARROW NO. 20	26	N 22	W 17	50029200053000	PRUDHOE BAY (DS 4-1) NO. 35-11-15	34	N 11	E 15
50023200160000	SOUTH BARROW NO. 15	23	N 22	W 17	50029200054000	PUT RIVER (N-1) NO. 8-11-13	8	N 11	E 13
50023200170000	SOUTH BARROW NO. 18	24	N 22	W 17	50029200055000	PUT RIVER (F-1) NO. 2-11-13	2	N 11	E 13
50023200180000	TULAGEAK NO. 1	7	N 21	W 14	50029200056000	PLAGHM BEECHY POINT NO. 1	14	N 13	E 13
50023200190000	WALAKPA NO. 2	31	N 20	W 19	50029200057000	WEST SAK RIVER NO. 1	2	N 11	E 10
50029200010000	PRUDHOE BAY NO. 1	10	N 11	E 14	50029200058000	PUT RIVER (H-2) NO. 21-11-13	21	N 11	E 13
50029200020000	SAG RIVER NO. 1	4	N 10	E 15	50029200059000	PUT RIVER (A-1) NO. 35-11-13	35	N 11	E 13
50029200030000	DELTA STATE NO. 1	18	N 10	E 16	50029200060000	WEST CHANNEL NO. 1-3	3	N 9	E 15
50029200040000	TOOLIK FEDERAL NO. 1	4	N 8	E 15	50029200061000	NORTHWEST EILEEN NO. 2	28	N 12	E 11
50029200050000	PUT RIVER 1 NO. 27-11-14	27	N 11	E 14	50029200062000	NORTH FRANKLIN BLUFFS NO. 1	28	N 12	E 14
50029200060000	SOCAL NO. 31-25	25	N 10	E 14	50029200063000	EAST BAY STATE NO. 1	9	N 13	E 15
50029200070000	KUPARUK STATE NO. 1	21	N 11	E 12	50029200064000	FOGGEY ISL BAY ST UN NO. 1	19	N 11	E 17
50029200080000	UENU NO. 1	22	N 12	E 9	50029200065000	GWYDYP BAY SOUTH NO. 1	8	N 12	E 13
50029200090000	PUT RIVER NO. 33-11-13	33	N 11	E 13	50029200066000	GULL ISLAND STATE NO. 1	21	N 12	E 15
50029200100000	SAG DELTA NO. 31-11-16	31	N 11	E 16	50029200067000	NIKUK NO. 1-A	26	N 12	E 15
50029200110000	LAKE STATE NO. 1	24	N 10	E 15	50029200068000	SAG DELTA NO. 33-12-16	4	N 11	E 16
50029200120000	NORTHWEST EILEEN NO. 1	28	N 12	E 11	50029200069000	HIGHLAND STATE NO. 1	24	N 11	E 11
50029200130000	WEST KUPARUK NO. 3-11-11	3	N 11	E 11	50029200070000	ABEL STATE NO. 1	27	N 12	E 14
50029200140000	PUT RIVER NO. 24-18-18	24	N 10	E 14	50029200071000	GRANDSTAND NO. 1	32	S 5	E 1
50029200150000	POINT STORKESEN NO. 1	7	N 12	E 14	50029200072000	WEST STAINES 1 NO. 18-9-23	18	N 9	E 23
50029200160000	PUT RIVER 1 NO. 7-10-14	7	N 10	E 14	50029200073000	EAST MIKKELSEN BAY NO. 1	7	N 9	E 21
50029200170000	HFM1 NO. 3-9-11	3	N 9	E 11	50029200074000	ALASKA STATE NO. A1	27	N 10	E 24
50029200180000	KADLER NO. 15-9-16	15	N 9	E 16	50029200075000	WEST STAINES STATE NO. 2	25	N 09	E 22

Table 2. -- continued

API NUMBER	WELL NAME	SEC	TMP	AGE	API NUMBER	WELL NAME	SEC	TMP	AGE
5013130010000	FISH CREEK NO. 1	15	M 11	E 1	5022320010000	AUFETS UNIT NO. 1	30	S 3	E 11
5013130020000	COOKVILLE NO. 1	25	M 12	E 7	5022320010000	LUPINE UNIT NO. 1	13	S 4	E 14
5013130030000	COOKVILLE NO. 1	19	M 12	E 7	5022320010000	KEMIK UNIT NO. 2	06	S 01	E 21
5013130040000	KALUDIN CREEK NO. 1	10	M 12	E 8	5027910001000	SIMPSON (CORE TST) NO. 1	10	M 10	M 13
5013130050000	COOKVILLE DELTA NO. 1	9	M 12	E 6	5027910002000	SIMPSON (CORE TST) NO. 2	10	M 10	M 13
5013130060000	ITKILLIK RIVER UNIT NO. 1	10	M 13	E 5	5027910003000	SIMPSON (CORE TST) NO. 3	10	M 10	M 13
5013130070000	CAPE HARKETT NO. 1	5	M 16	M 2	5027910004000	SIMPSON (CORE TST) NO. 4	10	M 10	M 13
5013130080000	EAST TERNERPUK NO. 1	16	M 14	M 4	5027910005000	SIMPSON (CORE TST) NO. 5	3	M 10	M 13
5013130090000	SOUTH HARRISON BAY NO. 1	6	M 12	E 2	5027910006000	SIMPSON (CORE TST) NO. 6	9	M 10	M 13
5013130100000	ATIGARU POINT NO. 1	19	M 14	C 2	5027910007000	SIMPSON (CORE TST) NO. 7	9	M 10	M 13
5013130110000	WEST FISH CREEK NO. 1	11	M 11	M 1	5027910008000	SIMPSON (CORE TST) NO. 8	34	M 10	M 13
5013130120000	W 1 FORM NO. 1	13	M 17	M 2	5027910009000	SIMPSON (CORE TST) NO. 9	34	M 10	M 13
5013130130000	NORTH KALAPUK NO. 1	3	M 13	M 2	5027910010000	SIMPSON (CORE TST) NO. 10	34	M 10	M 13
5013130140000	NORTH INIGOR NO. 1	36	M 11	M 4	5027910011000	SIMPSON (CORE TST) NO. 11	21	M 19	M 13
5013130150000	IKPIKUP (CORE TST) NO. 1	5	M 5	M 15	5027910012000	SIMPSON (CORE TST) NO. 12	27	M 19	M 13
5013130160000	DUHALIK (CORE TST) NO. 1	37	M 5	M 15	5027910013000	SIMPSON (CORE TST) NO. 13	24	M 19	M 13
5013130170000	DUHALIK (CORE TST) NO. 11	30	M 6	M 16	5027910014000	SIMPSON (CORE TST) NO. 14	24	M 19	M 13
5013130180000	DUHALIK (CORE TST) NO. 12	30	M 6	M 16	5027910015000	SIMPSON (CORE TST) NO. 15	24	M 19	M 13
5013130190000	DUHALIK NO. 1	30	M 6	M 16	5027910016000	SIMPSON (CORE TST) NO. 16	24	M 19	M 13
5013130200000	EAST DUHALIK NO. 1	13	M 5	M 15	5027910017000	SIMPSON (CORE TST) NO. 17	24	M 19	M 13
5013130210000	SQUARE LAKE NO. 1	2	M 2	M 6	5027910018000	SIMPSON (CORE TST) NO. 18	24	M 19	M 13
5013130220000	WOLF CREEK NO. 1	36	M 1	M 7	5027910019000	SIMPSON (CORE TST) NO. 19	22	M 19	M 13
5013130230000	WOLF CREEK NO. 2	2	M 1	M 7	5027910020000	SIMPSON (CORE TST) NO. 20	18	M 19	M 13
5013130240000	WOLF CREEK NO. 3	2	M 1	M 7	5027910021000	SIMPSON (CORE TST) NO. 21	19	M 19	M 13
5013130250000	TITILUK NO. 1	23	M 1	M 11	5027910022000	SIMPSON (CORE TST) NO. 22	11	M 10	M 11
5013130260000	KWIFELADE NO. 1	26	M 3	M 12	5027910023000	SIMPSON (CORE TST) NO. 23	11	M 10	M 11
5013130270000	KWIFELADE NO. 2	2	M 4	M 12	5027910024000	SIMPSON (CORE TST) NO. 24	11	M 10	M 11
5013130280000	KWIFELADE NO. 2A	2	M 4	M 12	5027910025000	SIMPSON (CORE TST) NO. 25	11	M 10	M 11
5013130290000	KWIFELADE NO. 1	27	M 5	M 11	5027910026000	SIMPSON (CORE TST) NO. 26	11	M 10	M 11
5013130300000	WEST KURUPA UNIT NO. 1	13	M 5	M 14	5027910027000	SIMPSON (CORE TST) NO. 27	11	M 10	M 11
5013130310000	EAST KURUPA UNIT NO. 1	9	M 5	M 6	5027910028000	SIMPSON (CORE TST) NO. 28	11	M 10	M 11
5013130320000	AVUNA NO. 1	30	M 5	M 25	5027910029000	SIMPSON (CORE TST) NO. 29	11	M 10	M 11
5013130330000	SKULL CLIFF (CR TST) NO. 1	25	M 18	M 22	5027910030000	SIMPSON (CORE TST) NO. 30	11	M 10	M 11
5013130340000	WEAJOE NO. 1	19	M 8	M 22	5027910031000	SIMPSON (CORE TST) NO. 31	32	M 19	M 13
5013130350000	SOUTH MEADE NO. 1	31	M 15	M 19	5027910032000	SIMPSON NO. 1	25	M 15	M 16
5013130360000	KUGRUA NO. 1	8	M 14	M 26	5027910033000	TOPAGORUK NO. 1	12	M 14	M 14
5013130370000	KUTANAK NO. 1	10	M 10	M 16	5027910034000	EAST TOPAGORUK NO. 1	22	M 17	M 12
5013130380000	KAVIK UNIT NO. 1	7	M 3	C 23	5027920001000	SOUTH SIMPSON NO. 1	26	M 18	M 8
5013130390000	BELL UNIT NO. 1	8	M 4	C 23	5027920002000	OREW POINT NO. 1	34	M 18	M 8
5013130400000	KAVIM UNIT NO. 2	11	M 5	C 22	5027920003000	INIGOR NO. 1	25	M 18	M 8
5013130410000	KAVIK UNIT NO. 3	8	M 5	C 23	5027920004000	IKPIKUP NO. 1	18	M 18	M 10
5013130420000	CANNING RIVER UNIT NO. 1	19	M 5	E 24	5027920005000	EAST SIMPSON NO. 1	18	M 18	M 10
5013130430000	CANNING RIVER UNIT NO. 2	32	M 04	E 34	5027920006000	J. W. DALTON NO. 1	23	M 19	M 11
5013130440000	SUSIE UNIT NO. 1	22	M 2	E 13	5027920007000	EAST SIMPSON NO. 2	34	M 19	M 11
5013130450000	SMAYDVIK UNIT NO. 1	8	M 2	E 19	5027920008000	UMIAT NO. 1	3	M 1	M 2
5013130460000	WEST KAVIK NO. 1	20	M 5	E 20	5027920009000	UMIAT NO. 2	3	M 1	M 2
5013130470000	MDFA FEDERAL NO. 1	5	M 4	E 14	5027920010000	UMIAT (CORE TST 1) NO. 3	3	M 1	M 2
5013130480000	GUSH FEDERAL NO. 1	31	M 4	E 13	5027920011000	UMIAT (RUBY 1) NO. 4	3	M 1	M 2
5013130490000	KEMIK NO. 1	17	M 1	E 20	5027920012000	UMIAT (RUBY 2) NO. 5	10	M 1	M 2
5013130500000	FISH CREEK UNIT NO. 1	25	M 2	E 18	5027920013000	UMIAT (RUBY 3) NO. 6	10	M 1	M 2
5013130510000	ECHOOKA UNIT NO. 1	32	M 1	E 16	5027920014000	UMIAT (RUBY 4) NO. 7	34	M 1	M 2
5013130520000	WEST KADLEROSWILIK NO. 1	14	M 5	E 14	5027920015000	UMIAT NO. 8	3	M 1	M 2

Table 2. -- continued

Table 3. Alphabetical listing of North Slope wells with rock-unit reports.

API NUMBER	WELL NAME	SEC	TWP	RGE	API NUMBER	WELL NAME	SEC	TWP	RGE
50287100100000	UNIT NO. 10	34	S 1	M 1	50029202000000	ABEL STATE NO. 1	27	M 12	E 14
50287100110000	UNIT NO. 11	34	M 1	M 1	500892000030000	ALASKA STATE NO. 41	27	M 10	E 24
50287100120000	SENTINEL HILL (CR) NO. 1	20	M 3	E 3	501832000030000	ATIGARU POINT NO. 1	19	M 14	E 2
50287100130000	GUMIK NO. 1	19	M 1	E 3	50223200100000	AUFIS UNIT NO. 1	30	E 3	E 11
50287100140000	GUMIK NO. 2	20	M 1	E 3	50075100130000	AWAY NO. 1	17	M 22	M 17
50287100150000	GUMIK UNIT NO. 1	21	M 1	E 3	50155200010000	AYUNA NO. 1	30	S 3	M 25
50287100160000	EAST UNIT NO. 1	19	S 1	E 2	50023100000000	BARROW (CORE TST) NO. 1	22	M 23	M 10
50287100170000	SMALL WALL UNIT NO. 1	2	S 5	E 3	50023100000000	BARROW BIG RIG NO. 1	22	M 23	M 10
50287100180000	KUPARUK UNIT NO. 1	1	S 2	E 3	50023100000000	BARROW COPE RIG NO. 1	22	M 23	M 10
50287100200000	ITKILLIK UNIT NO. 1	11	M 1	E 6	50023100000000	BARROW COME RIG NO. 2	22	M 23	M 10
50287100210000	SCHRAEDER UNIT NO. 1	18	S 3	E 5	50023100000000	BELCHER POINT NO. 1	27	M 23	M 10
50287100220000	LITTLE TWIST UNIT NO. 1	18	S 3	M 4	50029200400000	BELL UNIT NO. 1	28	M 12	E 12
50287100230000	EAST KUPARUK UNIT NO. 1	18	S 3	E 8	50179200020000	BUSH FEDERAL NO. 1	8	M 4	E 23
50287200020000	EAST UNIT NO. 2	18	S 2	E 8	50223200000000	CANNING RIVER UNIT NO. 41	31	M 4	E 13
50287200030000	COLVILLE UNIT NO. 1	15	S 1	E 1	50179200000000	CANNING RIVER UNIT NO. 0-1	19	M 3	E 24
50287200040000	COLVILLE UNIT NO. 2	21	S 1	E 1	50179200000000	CAPE WALKETT NO. 1	32	M 04	E 30
50287200070000	SEARCE NO. 1	5	S 1	E 1	50103300000000	COLVILLE DELTA NO. 1	5	M 16	M 2
50287100010000	KADLAK NO. 1	25	M 7	M 30	50103300000000	COLVILLE NO. 1	9	M 13	E 4
50301200010000	TUMALIK NO. 1	20	M 10	M 36	50103300000000	COLVILLE UNIT NO. 1	25	M 12	E 7
50301200020000	PEARL NO. 1	25	M 16	M 28	50287200000000	COLVILLE UNIT NO. 2	21	S 1	E 1
					50029200000000	DELTA STATE NO. 1	10	M 10	E 16
					50292000200000	DREW POINT NO. 1	26	M 18	M 8
					50029201300000	EAST BAY STATE NO. 1	9	M 11	E 15
					502872000010000	EAST KUPARUK UNIT NO. 1	18	S 2	E 8
					50137200020000	EAST KURUPA UNIT NO. 1	9	S 7	M 8
					50069200020000	EAST MIKELSEN BAY NO. 1	7	M 9	E 21
					50119100000000	EAST OUMALIK NO. 1	13	M 5	M 15
					50279200000000	EAST SIMPSON NO. 1	18	M 18	M 10
					50279200070000	EAST SIMPSON NO. 2	23	M 19	M 11
					50103300000000	EAST TESHEMPUR NO. 1	16	M 14	M 4
					50279100340000	EAST TOPAGORUK NO. 1	12	M 14	M 14
					50292000320000	EAST UGWA NO. 1	17	M 12	E 10
					50287100160000	EAST UNIT UNIT NO. 1	19	S 1	E 2
					50287200020000	EAST UNIT UNIT NO. 2	15	S 1	E 1
					50223200000000	ECHOOKA UNIT NO. 1	32	M 1	E 16
					50223200070000	FIN CREEK UNIT NO. 1	25	M 2	E 10
					50103300010000	FISH CREEK NO. 1	15	M 11	E 1
					50029201440000	FOGGY ISL BAY ST UM NO. 1	14	M 11	E 17
					50047100010000	GRANDSTAND NO. 1	32	S 5	E 1
					50287100130000	GUBIK NO. 1	19	M 1	E 3
					50287100140000	GUBIK NO. 2	20	M 1	E 3
					50287100150000	GULL ISLAND STATE NO. 1	21	M 1	E 3
					50029201510000	GUDDY BAY SOUTH NO. 1	21	M 12	E 13
					50029201400000	HEMLOCK STATE NO. 1	3	M 9	E 11
					50029201400000	HURL NO. 3-9-11	24	M 11	E 11
					50029201400000	HURL NO. 5-10-13	16	M 21	M 15
					50029201400000	IKPIKUK (CORE TST) NO. 1	5	M 5	M 15
					50029200070000	IKPIKUK NO. 1	25	M 13	M 10
					50114000010000	INIGOK NO. 1	34	M 8	M 5
					50279200030000	ITKILLIK RIVER UNIT NO. 1	10	M 8	E 5

Table 3. -- continued

WELL NAME	API NUMBER	SEC	TWP	RGE	WELL NAME	API NUMBER	SEC	TWP	RGE
ITKILLIP UNIT NO. 1	50287100200000	11	N 1	E 6	PRUDHOF BAY (DS 4-1) NO. 35-11-15	50029200760000	34	N 11	E 15
J. W. DALTON NO. 1	50279200060000	14	N 18	W 5	PRUDHOF BAY DS 1-1 NO. 8-10-15	50029200440000	8	N 10	E 15
KAD RIVER NO. 1	50029200210000	4	N 8	E 10	PRUDHOF BAY NO. 1	50029200010000	10	N 11	E 14
KACLER NO. 15-9-16	50029200190000	15	N 9	E 16	PUT RIVER (A-1) NO. 35-11-13	50029201080000	35	N 11	E 13
KALUPIK CREEK NO. 1	50103280010000	10	N 12	E 8	PUT RIVER (A-1) NO. 31-11-4	50029200590000	31	N 11	E 14
KADLAK NO. 1	50297100010000	25	N 7	W 34	PUT RIVER (D-1) NO. 23-11-13	50029200540000	23	N 11	E 13
KAVEAPAK POINT NO. 37-25	50029200260000	25	N 13	E 10	PUT RIVER (F-1) NO. 2-11-13	50029200800000	2	N 11	E 13
KAVIK UNIT NO. 1	50179200010000	7	N 3	E 23	PUT RIVER (M-2) NO. 21-11-13	50029201000000	21	N 11	E 13
KAVIK UNIT NO. 2	50179200030000	11	N 3	E 22	PUT RIVER (J-1) NO. 9-11-13	50029200200000	9	N 11	E 13
KAVIK UNIT NO. 3	50179200040000	8	N 3	E 23	PUT RIVER (M-1) NO. 8-11-13	50029200420000	1	N 11	E 12
KEMIK NO. 1	50223200860000	17	N 1	E 20	PUT RIVER (M-1) NO. 8-11-13	50029200790000	8	N 11	E 13
KEMIK UNIT NO. 2	50223200130000	06	S 01	E 21	PUT RIVER 1 NO. 27-11-14	50029200060000	27	N 11	E 14
KNIFE LAKE NO. 1	50119100120000	36	S 3	W 12	PUT RIVER 1 NO. 7-10-14	50029200170000	7	N 10	E 14
KNIFE LAKE NO. 2	50119100130000	2	S 4	W 12	PUT RIVER NO. 19-10-13	50029200340000	19	N 10	E 15
KNIFE LAKE NO. 2A	50119100140000	2	S 4	W 12	PUT RIVER NO. 24-10-14	50029200130000	24	N 10	E 14
KOLUKTAK NO. 1	50119200010000	27	N 3	W 11	PUT RIVER NO. 33-11-13	50029200100000	33	N 11	E 13
KOMPUK NO. 1	50103100030000	19	N 11	E 7	PUT RIVER NO. 33-12-13	50029200470000	33	N 12	W 13
KUGRUA NO. 1	50163200020000	8	N 14	W 26	SAG DELTA NO. 31-10-16	50029200300000	31	N 10	E 16
KUP DELTA NO. 51-1	50029200650000	11	N 12	E 13	SAG DELTA NO. 31-11-16	50029200110000	31	N 11	E 16
KUP RIVER NO. 21-12-13	50029200220000	21	N 12	E 13	SAG DELTA NO. 33-12-16	50029201160000	4	N 11	E 16
KUPARUK STATE NO. 1	50029200080000	21	N 11	E 12	SAG RIVER NO. 1	50029200020000	4	N 10	E 15
KUPARUK STATE NO. 24-11-12	50029200680000	23	N 11	E 12	SCHRAEDER UNIT NO. 1	50287100210000	10	S 3	E 5
KUPARUK STATE NO. 33-11-12	50029200610000	33	N 11	E 12	SEAROE NO. 1	50287200070000	5	S 1	W 1
KUPARUK STATE NO. 7-11-12	50029200620000	7	N 11	E 12	SEATTLE HILL (CA) NO. 1	50287100120000	20	N 3	E 5
KUPARUK UNIT NO. 1	50287100180000	1	S 2	E 5	SHALE WALL UNIT NO. 1	50287100170000	2	S 5	E 5
KUYANAK NO. 1	50163200030000	10	N 10	W 16	SHAVIOLIK UNIT NO. 1	50223200010000	8	N 2	E 19
LAKE 79 FEDERAL NO. 1	50029200310000	1	N 8	E 17	SIMPSON (CORE TST) NO. 1	50279100010000	10	N 10	W 13
LAKE STATE NO. 1	50029200120000	24	N 10	E 15	SIMPSON (CORE TST) NO. 10	50279100100000	34	N 19	W 13
LITTLE TWIST UNIT NO. 1	50287100220000	34	S 3	W 4	SIMPSON (CORE TST) NO. 11	50279100110000	21	N 19	W 13
LUPINE UNIT NO. 1	50223200110000	13	S 4	E 14	SIMPSON (CORE TST) NO. 12	50279100120000	27	N 19	W 13
MEADE NO. 1	50163100020000	19	N 8	W 22	SIMPSON (CORE TST) NO. 13	50279100130000	24	N 19	W 11
MIKKELSEN BAY NO. 13-9-19	50029200550000	13	N 9	E 19	SIMPSON (CORE TST) NO. 14	50279100140000	24	N 19	W 11
MILNE POINT NO. 18-1	50029200690000	11	N 13	E 10	SIMPSON (CORE TST) NO. 14A	50279100150000	24	N 19	W 11
NIJAKUK NO. 1-A	50029201560101	26	N 12	E 15	SIMPSON (CORE TST) NO. 15	50279100160000	24	N 19	W 11
NCPA FEDERAL NO. 1	50223200030000	5	N 2	E 14	SIMPSON (CORE TST) NO. 16	50279100170000	24	N 19	W 11
NORTH FRANKLIN ALUFS NO. 1	50029201220000	20	N 8	E 14	SIMPSON (CORE TST) NO. 17	50279100180000	24	N 19	W 11
NORTH INIGOK NO. 1	50103280170000	36	N 11	W 4	SIMPSON (CORE TST) NO. 18	50279100190000	23	N 19	W 11
NORTH KALIKPIK NO. 1	50103280110000	3	N 13	W 2	SIMPSON (CORE TST) NO. 19	50279100200000	22	N 19	W 11
NORTH KUPARUK NO. 26-12-12	50029200520000	26	N 12	E 12	SIMPSON (CORE TST) NO. 2	50279100020000	10	N 10	W 13
NORTH PRUDHOF BAY NO. 1	50029200490000	23	N 12	E 14	SIMPSON (CORE TST) NO. 20	50279100210000	10	N 19	W 10
NORTH SIMPSON NO. 1	500233100040000	26	N 20	W 12	SIMPSON (CORE TST) NO. 21	50023100010000	13	N 19	W 11
NORTHWEST FILFEN NO. 1	50029200130000	28	N 12	E 11	SIMPSON (CORE TST) NO. 22	50279100220000	19	N 19	W 10
NORTHWEST ELLEN NO. 2	50029201170000	28	N 12	E 11	SIMPSON (CORE TST) NO. 23	50023100020000	1	N 19	W 11
OUNALIK (CORE TST) NO. 1	50119100020000	32	N 5	W 15	SIMPSON (CORE TST) NO. 24	50023100030000	4	N 19	W 10
OUNALIK (CORE TST) NO. 11	50119100030000	30	N 6	W 16	SIMPSON (CORE TST) NO. 25	50279100230000	3	N 10	W 11
OUNALIK (CORE TST) NO. 12	50119100040000	30	N 6	W 16	SIMPSON (CORE TST) NO. 26	50279100240000	11	N 10	W 11
OUNALIK NO. 1	50119100050000	30	N 6	W 16	SIMPSON (CORE TST) NO. 27	50279100250000	11	N 10	W 11
PEARL NO. 1	50301200020000	23	N 16	W 28	SIMPSON (CORE TST) NO. 28	50279100260000	19	N 19	W 10
PLACID ET AL STATE NO. 3-10-13	50029200570000	3	N 10	E 13	SIMPSON (CORE TST) NO. 29	50279100270000	11	N 10	W 11
PLAGHM BEECHY POINT NO. 1	50029200820000	14	N 13	E 11	SIMPSON (CORE TST) NO. 3	50279100030000	10	N 10	W 13
POINT STORKERSEN NO. 1	50029200160000	7	N 12	E 14	SIMPSON (CORE TST) NO. 30	50279100280000	11	N 10	W 11
PRUDHOF BAY (DS 2-4) NO. 36-11-14	50029200640000	36	N 11	E 14	SIMPSON (CORE TST) NO. 30A	50279100290000	11	N 10	W 11

Table 3. -- continued

WELL NAME	API NUMBER	SEC	TWP	RGE	WELL NAME	API NUMBER	SEC	TWP	RGE
SIMPSON (CORE TST) NO. 31	50279100380000	36	N 19	W 11	UMIAT NO. 11	50287100110000	34	N 1	W 1
SIMPSON (CORE TST) NO. 4	50279100040000	10	N 18	W 13	UMIAT NO. 2	50287100020000	3	S 1	W 1
SIMPSON (CORE TST) NO. 5	50279100050000	3	N 18	W 13	UMIAT NO. 8	50287100080000	34	N 1	W 1
SIMPSON (CORE TST) NO. 6	50279100060000	9	N 18	W 13	UMIAT NO. "	50287100090000	9	S 1	W 1
SIMPSON (CORE TST) NO. 7	50279100070000	9	N 18	W 13	W T FOWAN NO. 1	50103280100000	13	N 17	W 2
SIMPSON (CORE TST) NO. 8	50279100080000	4	N 18	W 13	WALAKPA NO. 1	50023200130000	9	N 20	W 19
SIMPSON (CORE TST) NO. 9	50279100090000	34	N 19	W 13	WALAKPA NO. 2	50023200190000	31	N 20	W 19
SIMPSON LAGOON NO. 32-14	50029200290000	14	N 13	E 9	WEST CHANNEL NO. 1-3	50029201140000	3	N 9	E 15
SIMPSON NO. 1	50279100320000	32	N 19	W 13	WEST DEASE NO. 1	50023200140000	21	N 21	W 14
SKULL CLIFF (C/TST) NO. 1	50163100010000	25	N 18	W 22	WEST FISH CREEK NO. 1	50103200090000	11	N 11	W 1
SOCAL NO. 31-25	50029200070000	25	N 10	E 14	WEST KAOLERO-SMILIK NO. 1	50223200090000	14	N 5	E 14
SOUTH BARROW NO. 1	50023100990000	20	N 23	W 18	WEST KAYIK NO. 1	50223200020000	20	N 5	E 20
SOUTH BARROW NO. 10	50023200040000	14	N 22	W 18	WEST KUPARUK NO. 3-11-11	50029200140000	3	N 11	E 11
SOUTH BARROW NO. 11	50023200080000	14	N 22	W 18	WEST KURUPA UNIT NO. 1	501372000610000	35	S 6	W 14
SOUTH BARROW NO. 12	50023200060000	23	N 22	W 17	WEST SAK RIVER NO. 1	50029200900000	2	N 11	E 10
SOUTH BARROW NO. 13	50023200090000	14	N 22	W 18	WEST STAINES 1 NO. 18-9-23	50084200010000	18	N 9	E 23
SOUTH BARROW NO. 14	50023200090000	25	N 22	W 17	WEST STAINES STATE NO. 2	50084200040000	25	N 19	E 22
SOUTH BARROW NO. 15	50023200140000	23	N 22	W 17	WOLF CREEK NO. 1	50119100080000	2	S 1	W 7
SOUTH BARROW NO. 16	50023200160000	1	N 22	W 18	WOLF CREEK NO. 2	50119100090000	36	N 1	W 7
SOUTH BARROW NO. 17	50023200110000	30	N 22	W 16	WOLF CREEK NO. 3	50119100100000	2	S 1	W 7
SOUTH BARROW NO. 18	50023200170000	24	N 22	W 17					
SOUTH BARROW NO. 19	50023200120000	23	N 22	W 17					
SOUTH BARROW NO. 2	50023100100000	14	N 22	W 18					
SOUTH BARROW NO. 20	50023200150000	26	N 22	W 17					
SOUTH BARROW NO. 3	50023100110000	24	N 21	W 18					
SOUTH BARROW NO. 4	50023100120000	14	N 22	W 18					
SOUTH BARROW NO. 5	50023100140000	14	N 22	W 18					
SOUTH BARROW NO. 6	50023100150000	14	N 22	W 18					
SOUTH BARROW NO. 7	50023200010000	14	N 22	W 18					
SOUTH BARROW NO. 9	50023200020000	14	N 22	W 18					
SOUTH BARROW NO. "	50023200030000	11	N 22	W 18					
SOUTH HARRISON BAY NO. 1	50103200070000	6	N 12	E 2					
SOUTH MEADF. NO. 1	50163200010000	31	N 15	W 19					
SOUTH SIMPSON NO. 1	50279200010000	22	N 17	W 12					
SOUTHEAST EILEEN 1 NO. 35-11-12	50029200900000	35	N 11	E 12					
SQUIPE LAKE NO. 1	50119100070000	2	N 2	W 1					
SUSIE UNIT NO. 1	50223100010000	22	N 2	E 13					
TITILUK NO. 1	50119100110000	23	N 1	W 11					
TOOLIK FEDERAL NO. 1	50029200050000	4	N 8	E 13					
TOOLIK FEDERAL NO. 2	50029200410000	5	N 8	E 12					
TOOLIK FEDERAL NO. 3	50029200510000	4	N 8	E 9					
TOPAGORUK NO. 1	50279100330000	25	N 15	W 16					
TULAGFAN NO. 1	50023200180000	7	N 21	W 14					
TUNALIK NO. 1	50301200010000	20	N 10	W 34					
UGNU NO. 1	50029200090000	22	N 12	E 9					
UMIAT (CORE TST 1) NO. 3	50287100030000	3	S 1	W 1					
UMIAT (RUPY 1) NO. 4	50287100040000	3	S 1	W 1					
UMIAT (RUPY 2) NO. 5	50287100050000	3	S 1	W 1					
UMIAT (RUPY 3) NO. 6	50287100060000	10	S 1	W 1					
UMIAT (RUPY 4) NO. 7	50287100070000	10	S 1	W 1					
UMIAT NO. 1	50287100010000	34	N 1	W 2					
UMIAT NO. 10	50287100100000	34	S 1	W 1					

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 13 SURF. SIMPSON (CORE TST) 21
 LAT: 071 00 28 LONG: 154 36 54 SURF. API NUMBER: 50-023-10001-00-00
 KR ELEV.: 26 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 1502

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	4	85	LOG	
COLVILLE	LOG	85	1265	LOG	
CLV GP M	LOG	85	1265	LOG	
NANUSHUK	LOG	1265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 1 SURF. SIMPSON (CORE TST) 23
 LAT: 071 2 4 LONG: 154 39 2 SURF. API NUMBER: 50-023-10002-00-00
 KR ELEV.: 18 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 1035

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	3	110	LOG	
COLVILLE	LOG	110	575	LOG	
CLV GP M	LOG	110	575	LOG	
NANUSHUK	LOG	575	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 10W SEC: 6 SURF. SIMPSON (CORE TST) 24
 LAT: 071 1 46 LONG: 154 37 1 SURF. API NUMBER: 50-023-10003-00-00
 KR ELEV.: 11 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 901

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GRK/SFD	SUR	3	85	LOG	
COLVILLE	LOG	85	580	LOG	
CLV GP M	LOG	85	580	LOG	
NANUSHUK	LOG	580	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 20N RGE: 12W SEC: 26 SURF. NORTH SIMPSON 1
 LAT: 071 3 23 LONG: 154 58 5 SURF. API NUMBER: 50-023-10004-00-00
 KR ELEV.: 31 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 3774

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	15	90	LOG	
COLVILLE	LOG	90	2770	LOG	
CLV GP M	LOG	90	2770	LOG	
TOROK	LOG	2770	----		

BIRO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 22 SURF. BARROW CORE RIG 1
 LAT: 071 19 24 LONG: 156 39 2 SURF. API NUMBER: 50-023-10005-00-00
 ME ELEV.: 13 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 344

ROCK UNIT	TYPE	TOP	EDITION	TYPE	07/20/81
GEK/SFD	SUR	3	95	LOG	
NANUSHUK	LOG	95	----		

BIRO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 27 SURF. BARROW CORE RIG 2
 LAT: 071 19 00 LONG: 156 39 50 SURF. API NUMBER: 50-023-10006-00-00
 ME ELEV.: 16 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 236

ROCK UNIT	TYPE	TOP	EDITION	TYPE	07/20/81
GEK/SFD	SUR	2	100	LOG	
NANUSHUK	LOG	100	----		

BIRO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 22 SURF. BARROW CORE RIG 1
 LAT: 071 19 44 LONG: 156 40 5 SURF. API NUMBER: 50-023-10007-00-00
 ME ELEV.: 15 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 685

ROCK UNIT	TYPE	TOP	EDITION	TYPE	07/20/81
GEK/SFD	SUR	0	90	LOG	
NANUSHUK	LOG	90	----		

BIRO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 23N RGE: 18W SEC: 22 SURF. BARROW (CORE TST) 1
 LAT: 071 19 40 LONG: 156 40 00 SURF. API NUMBER: 50-023-10008-00-00
 ME ELEV.: 19 ROCK UNIT AT T.O.: TOPOK TOTAL DEPTH: 1442

ROCK UNIT	TYPE	TOP	EDITION	TYPE	07/20/81
GEK/SFD	SUR	0	100	LOG	
NANUSHUK	LOG	100	290	LOG	
TOPOK	LOG	290	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 23N RGE: 18W SEC: 28 SURF. SOUTH BARROW 1
 LAT: 071 19 11 LONG: 156 42 15 SURF. API NUMBER: 50-023-10809-00-00
 KB ELEV.: 18 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 3553

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
SEPK/SFD	SUR	13	70	LOG	
MANUSHUK	LOG	70	690	LOG	
GRNDSTND	LOG	70	690	LOG	
TOROK	LOG	690	2800	LOG	
PERL SML	LOG	2800	3330	LOG	
BPBLSH S	LOG	3305	3330	LOG	
PPLS UFM	LOG	3330	3330	LOG	
KINGAM	LOG	3330	3405	LOG	
ARGILLIT	LOG	3405	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 2
 LAT: 071 15 48 LONG: 156 38 3 SURF. API NUMBER: 50-023-10010-00-00
 KB ELEV.: 35 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2505

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
SEPK/SFD	SUR	11	80	LOG	
TOROK	LOG	80	1910	LOG	
PERL SML	LOG	1910	2330	LOG	
BPBLSH S	LOG	2325	2330	LOG	
PPLS UFM	LOG	2330	2330	LOG	
KINGAM	LOG	2330	2445	LOG	
BARROW S	LOG	2340	2380	LOG	
ARGILLIT	LOG	2445	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 21N RGE: 18W SEC: 24 SURF. SOUTH BARROW 3
 LAT: 071 9 46 LONG: 156 34 44 SURF. API NUMBER: 50-023-10011-00-00
 KB ELEV.: 44 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2900

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
SEPK/SFD	SUR	14	65	LOG	
TOROK	LOG	65	1260	LOG	
PERL SML	LOG	1260	1660	LOG	
BPBLSH S	LOG	1645	1660	LOG	
PPLS UFM	LOG	1660	1660	LOG	
KINGAM	LOG	1660	2585	LOG	
BARROW S	LOG	2320	2455	LOG	
SAG RV	LOG	2585	2610	LOG	
SHURLIN	LOG	2610	2795	LOG	
ARGILLIT	LOG	2795	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 4
 LAT: 071 15 51 LONG: 156 37 58 SURF. API NUMBER: 50-023-10012-00-00
 KB ELEV.: 43 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2558

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GBK/SFD	SUR	19	115	LOG	
TOROK	LOG	115	1930	LOG	
PPBL SHL	LOG	1930	2355	LOG	
PPBL SH S	LOG	2355	2355	LOG	
PPLS UFM	LOG	2355	2355	LOG	
KINGAK	LOG	2355	2470	LOG	
BARROW S	LOG	2355	2410	LOG	
ARGILLIT	LOG	2470	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 22N RGE: 17W SEC: 17 SURF. AVAK 1
 LAT: 071 15 2 LONG: 156 28 5 SURF. API NUMBER: 50-023-10013-00-00
 KB ELEV.: 17 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4020

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GBK/SFD	SUR	16	100	LOG	
PPBL SHL	LOG	100	1350	LOG	
PPLS UFM	LOG	1350	1350	LOG	
KINGAK	LOG	1350	2305	LOG	
BARROW S	LOG	1590	1890	LOG	
ARGILLIT	LOG	2305	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

08/27/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 5
 LAT: 071 15 51 LONG: 156 37 58 SURF. API NUMBER: 50-023-10014-00-00
 KB ELEV.: 38 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 2456

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/27/81
GBK/SFD	SUR	13	100	EST	
TOROK	EST	100	1920	EST	
PPBL SHL	EST	1920	2340	EST	
PPLS UFM	EST	2340	2340	EST	
KINGAK	EST	2340	2450	EST	
BARROW S	EST	2340	2450	EST	
BSM CPLX	EST	2450	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 6
 LAT: 071 15 44 LONG: 156 36 53 SURF. API NUMBER: 50-023-10015-00-00
 ME ELEV.: 40 ROCK UNIT AT T.D.: BARROW S TOTAL DEPTH: 2363

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	12	120	SPL	
TOROK	SPL	120	1845	LOG	
PPBL SHL	LOG	1845	2285	LOG	
PPBLSH S	LOG	2280	2285	LOG	
PPLS UFM	LOG	2285	2285	LOG	
KINGAK	LOG	2285	----		
BARROW S	LOG	2290	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 7
 LAT: 071 15 37 LONG: 156 35 42 SURF. API NUMBER: 50-023-20001-00-00
 ME ELEV.: 36 ROCK UNIT AT T.D.: BARROW S TOTAL DEPTH: 2351

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	12	110	SPL	
TOROK	LOG	110	1820	LOG	
PPBL SHL	LOG	1820	2245	LOG	
PPBLSH S	LOG	2240	2245	LOG	
PPLS UFM	LOG	2245	2245	LOG	
KINGAK	LOG	2245	----		
BARROW S	LOG	2245	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 8
 LAT: 071 15 54 LONG: 156 35 31 SURF. API NUMBER: 50-023-20002-00-00
 ME ELEV.: 31 ROCK UNIT AT T.D.: BARROW S TOTAL DEPTH: 2359

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	13	100	EST	
TOROK	EST	100	1850	LOG	
PPBL SHL	LOG	1850	2270	LOG	
PPBLSH S	LOG	2260	2270	LOG	
PPLS UFM	LOG	2270	2270	LOG	
KINGAK	LOG	2270	----		
BARROW S	LOG	2310	----		

EIFD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 13 SURF. SOUTH BARROW 9
 LAT: 071 16 3 LONG: 156 36 53 SURF. API NUMBER: 50-023-20003-00-00
 KB ELEV.: 29 ROCK UNIT AT T.O.: BARROW S TOTAL DEPTH: 2450

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GPK/SFD	SUR	13	100	EST	
TOROK	EST	100	1935	LOG	
PERL SHL	LOG	1935	2350	LOG	
PELSH GR	LOG	1935	1975	LOG	
SPBLSH S	LOG	2335	2350	LOG	
PELS UFM	LOG	2350	2350	LOG	
KINGAK	LOG	2350	----		
BARROW S	LOG	2370	----		

PIFD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 10
 LAT: 071 15 31 LONG: 156 37 34 SURF. API NUMBER: 50-023-20004-00-00
 KB ELEV.: 38 ROCK UNIT AT T.O.: BARROW S TOTAL DEPTH: 2349

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	12	100	EST	
TOROK	EST	100	1825	LOG	
PERL SHL	LOG	1825	2265	LOG	
SPBLSH S	LOG	2255	2265	LOG	
PELS UFM	LOG	2265	2265	LOG	
KINGAK	LOG	2265	----		
BARROW S	LOG	2265	----		

PIPC

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 14 SURF. SOUTH BARROW 11
 LAT: 071 15 22 LONG: 156 35 23 SURF. API NUMBER: 50-023-20005-00-00
 KB ELEV.: 36 ROCK UNIT AT T.O.: KINGAK TOTAL DEPTH: 2356

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GPK/SFD	SUR	14	100	EST	
TOROK	EST	100	1765	LOG	
PERL SHL	LOG	1765	2195	LOG	
PELSH GR	LOG	1765	1805	LOG	
SPBLSH S	LOG	2190	2195	LOG	
PELS UFM	LOG	2195	2195	LOG	
KINGAK	LOG	2195	----		
BARROW S	LOG	2235	2310	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N R6E: 17W SEC: 23 SURF. SOUTH BARROW 12
 LAT: 071 14 14 LONG: 156 20 16 SURF. API NUMBER: 50-023-20006-00-00
 ME ELEV.: 38 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2285

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GPK/SFD	SUR	14	100	EST	
TOROK	EST	100	1320	LOG	
PBBL SHL	LOG	1320	1735	LOG	
PRLSH GR	LOG	1320	1350	LOG	
PRLS UFM	LOG	1735	1735	LOG	
KINGAK	LOG	1735	2200	LOG	
BARROW S	LOG	1940	2055	LOG	
SAR RV	LOG	2200	2265	LOG	
ARGILLIT	LOG	2265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

07/20/81

TWP: 21N R6E: 16W SEC: 16 SURF. IKO 1
 LAT: 071 10 12 LONG: 156 10 1 SURF. API NUMBER: 50-023-20007-00-00
 ME ELEV.: 40 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2731

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	28	100	EST	
TOROK	SPL	100	1510	LOG	
PBBL SHL	LOG	1510	1890	LOG	
PRLSH GR	LOG	1510	1535	LOG	
PRLS UFM	LOG	1890	1890	LOG	
KINGAK	LOG	1890	2535	LOG	
BARROW S	LOG	2290	2430	LOG	
SAR RV	LOG	2535	2585	LOG	
SHUELIK	LOG	2585	2705	LOG	
ARGILLIT	LOG	2705	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N R6E: 18W SEC: 14 SURF. SOUTH BARROW 13
 LAT: 071 15 13 LONG: 156 37 40 SURF. API NUMBER: 50-023-20008-00-00
 ME ELEV.: 40 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 2535

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	18	100	EST	
TOROK	EST	100	1705	LOG	
PBBL SHL	LOG	1705	2240	LOG	
PRLSH GR	LOG	1705	1745	LOG	
BPRLSH S	LOG	2230	2240	LOG	
PRLS UFM	LOG	2240	2240	LOG	
KINGAK	LOG	2240	2475	LOG	
BARROW S	LOG	2295	2390	LOG	
ARGILLIT	LOG	2475	----		

E142

NORTH SLOPE ROCK UNIT REPORT

08/27/81

TWP: 22N RGE: 17W SEC: 25 SURF. SOUTH BARROW 14
 LAT: 071 13 52 LONG: 156 18 11 SURF. API NUMBER: 50-023-20009-00-00
 ME ELEV.: 31 ROCK UNIT AT T.O.: SAG RV TOTAL DEPTH: 2237

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	19	80	EST	
TOROK	EST	80	1365	LOG	
PEBL SHL	LOG	1365	1725	LOG	
PELSH GR	LOG	1365	1390	LOG	
PELS UFM	LOG	1725	1725	LOG	
KINGAK	LOG	1725	2235	LOG	
BARROW S	LOG	1975	2090	LOG	
SAG RV	LOG	2235	----		

E142

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 18W SEC: 1 SURF. SOUTH BARROW 16
 LAT: 071 16 55 LONG: 156 32 46 SURF. API NUMBER: 50-023-20010-00-00
 ME ELEV.: 30 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 2400

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	22	80	EST	
TOROK	EST	80	1930	LOG	
PEBL SHL	LOG	1930	2340	LOG	
PELSH GR	LOG	1930	1960	LOG	
PELS UFM	LOG	2340	2340	LOG	
ARGILLIT	LOG	2340	----		

E142

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 16W SEC: 30 SURF. SOUTH BARROW 17
 LAT: 071 14 5 LONG: 156 15 47 SURF. API NUMBER: 50-023-20011-00-00
 ME ELEV.: 73 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 2382

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	26	80	EST	
TOROK	EST	80	1410	LOG	
PEBL SHL	LOG	1410	1770	LOG	
PELSH GR	LOG	1410	1445	LOG	
PELS UFM	LOG	1770	1770	LOG	
KINGAK	LOG	1770	2275	LOG	
BARROW S	LOG	2005	2130	LOG	
SAG RV	LOG	2275	2345	LOG	
ARGILLIT	LOG	2345	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 22N RGE: 17W SEC: 23 SURF. SOUTH BARROW 19
 LAT: 071 5 00 LONG: 156 7 12 SURF. API NUMBER: 50-023-20012-00-00
 KB ELEV.: 30 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 2300

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GPK/SFD	SUR	20	80	EST	
TOROK	EST	80	1350	LOG	
PPBL SHL	LOG	1350	1745	LOG	
PPLSH GR	LOG	1350	1745	LOG	
PPLS UFM	LOG	1745	1745	LOG	
KINGAK	LOG	1745	2195	LOG	
BARROW S	LOG	1930	2040	LOG	
SAG RV	LOG	2195	2265	LOG	
ARGILLIT	LOG	2265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 20N RGE: 19W SEC: 9 SURF. WALAKPA 1
 LAT: 071 5 57 LONG: 156 53 3 SURF. API NUMBER: 50-023-20013-00-00
 KB ELEV.: 50 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 3666

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	19	50	EST	
TOROK	EST	50	1700	LOG	
PPBL SHL	LOG	1700	2090	LOG	
PPLSH GR	LOG	1700	1730	LOG	
PPBLSH S	LOG	2070	2090	LOG	
PPLS UFM	LOG	2090	2090	LOG	
KINGAK	LOG	2090	3220	LOG	
BARROW S	LOG	2990	3100	LOG	
SAG RV	LOG	3220	3260	LOG	
SHURLIK	LOG	3260	3630	LOG	
ARGILLIT	LOG	3630	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 21N RGE: 14W SEC: 21 SURF. WEST DEASE 1
 LAT: 071 9 32 LONG: 155 37 45 SURF. API NUMBER: 50-023-20014-00-00
 KB ELEV.: 24 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 4173

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	19	155	SPL	
TOROK	SPL	155	2910	LOG	
PPBL SHL	LOG	2910	3370	LOG	
PPLSH GR	LOG	2910	2935	LOG	
PPBLSH S	LOG	3360	3370	LOG	
PPLS UFM	LOG	3370	3370	LOG	
KINGAK	LOG	3370	3800	LOG	
BARROW S	LOG	3600	3730	LOG	
SAG RV	LOG	3800	3830	LOG	
SHURLIK	LOG	3830	4005	LOG	
ARGILLIT	LOG	4005	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 22N RGE: 17W SEC: 24 SURF. SOUTH BARROW 20
 LAT: 071 13 56 LONG: 156 20 12 SURF. API NUMBER: 50-023-00015-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: AR6ILLIT TOTAL DEPTH: 2356

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/24/81
GRK/SFD	SUR	18	75	EST	
TOPOK	EST	75	1310	LOG	
POBL SHL	LOG	1310	1735	LOG	
PPLSH GR	LOG	1310	1375	LOG	
PPLS UFM	LOG	1735	1735	LOG	
KINGAK	LOG	1735	2230	LOG	
BARROW S	LOG	1970	2060	LOG	
SIG RV	LOG	2230	2315	LOG	
AR6ILLIT	LOG	2315	----		

FIRE

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 22N RGE: 17W SEC: 23 SURF. SOUTH BARROW 15
 LAT: 071 14 24 LONG: 115 38 3 SURF. API NUMBER: 50-023-20016-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 2278

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	23	75	EST	
TOPOK	EST	75	1480	LOG	
POBL SHL	LOG	1480	1910	LOG	
PPLSH GR	LOG	1480	1550	LOG	
PPLS UFM	LOG	1910	1910	LOG	
KINGAK	LOG	1910	----		
BARROW S	LOG	2095	2210	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 22N RGE: 17W SEC: 24 SURF. SOUTH BARROW 18
 LAT: 071 15 1 LONG: 156 17 21 SURF. API NUMBER: 50-023-20017-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 2125

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GRK/SFD	SUR	18	75	EST	
TOPOK	EST	75	1375	LOG	
POBL SHL	LOG	1375	1760	LOG	
PPLSH GR	LOG	1375	1425	LOG	
PPLS UFM	LOG	1760	1760	LOG	
KINGAK	LOG	1760	----		
BARROW S	LOG	1960	2075	LOG	

BIRD

NORTH SLOPE ROCK UNIT REPORT

07/01/81

TWP: 21N RGE: 14W SEC: 7 SURF. TULAGEAK 1
 LAT: 071 11 21 LONG: 155 44 00 SURF. API NUMBER: 50-023-20018-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4015

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPV/SFO	SUR	17	100	EST	
TOPOK	EST	100	2505	LOG	
PPRL SHL	LOG	2505	2955	LOG	
PFLSH GR	LOG	2505	2515	LOG	
PFLS UFM	LOG	2955	2955	LOG	
KINGAK	LOG	2955	3760	LOG	
BARROW S	LOG	3495	3690	LOG	
SAG RV	LOG	3760	3800	LOG	
SHUPLIK	LOG	3800	3960	LOG	
ARGILLIT	LOG	3960	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 20N RGE: 19W SEC: 31 SURF. WALAKPA 2
 LAT: 071 3 00 LONG: 156 57 00 SURF. API NUMBER: 50-023-20019-00-00
 KB ELEV.: 61 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 4360

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/20/81
GPV/SFO	SUR	17	50	EST	
TOPOK	EST	50	2205	LOG	
PPRL SHL	LOG	2205	2640	LOG	
PFLSH GR	LOG	2205	2250	LOG	
PPRLSH S	LOG	2640	2640	LOG	
PFLS UFM	LOG	2640	2640	LOG	
KINGAK	LOG	2640	3845	LOG	
BARROW S	LOG	3645	3750	LOG	
SAG RV	LOG	3845	3885	LOG	
SHUPLIK	LOG	3885	4300	LOG	
ARGILLIT	LOG	4300	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 14E SEC: 10 SURF. PRUDHOE BAY 1
 LAT: 070 19 24 LONG: 148 32 32 SURF. API NUMBER: 50-029-20001-00-00
 KS ELEV.: 40 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 12005

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
BSM/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	7780	LOG	
SG/CLV S	EST	75	6470	LOG	
CLV GP H	LOG	6470	7780	LOG	
PBBL SHL	LOG	7780	7985	LOG	
PPLSH GR	LOG	7790	7985	LOG	
PPLS UFM	LOG	7985	7985	LOG	
KINGAK	LOG	7985	8115	LOG	
SAG RV	LOG	8115	8160	LOG	
SHUBLIK	LOG	8160	8210	LOG	
SADLPCT	LOG	8210	8790	LOG	
IVSK SS	LOG	8210	8670	LOG	
KAVIK SH	LOG	8670	8790	LOG	
LISBURN	LOG	8790	10440	LOG	
UP LIME	LOG	8790	9800	LOG	
DOLOMITE	LOG	9800	10210	LOG	
LO LMST	LOG	10210	10440	LOG	
ENDICOTT	LOG	10440	11795	LOG	
ITKILYRK	LOG	10440	11200	LOG	
KEKIKTUK	LOG	11200	11795	LOG	
BSM CPLX	LOG	11795	----		

8270
8210
460

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 10N RGE: 15E SEC: 4 SURF. SAG RIVER 1
 LAT: 070 15 17 LONG: 148 20 32 SURF. API NUMBER: 50-029-20002-00-00
 KS ELEV.: 58 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 12942

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	8215	LOG	
SG/CLV S	EST	75	6750	LOG	
CLV GP H	LOG	6750	8215	LOG	
PBBL SHL	LOG	8215	8420	LOG	
PPLSH GR	LOG	8220	8410	LOG	
PPLS UFM	LOG	8420	8420	LOG	
SAG RV	LOG	8440	8480	LOG	
SHUBLIK	LOG	8480	8540	LOG	
SADLPCT	LOG	8540	9235	LOG	
IVSK SS	LOG	8540	9025	LOG	
KAVIK SH	LOG	9025	9235	LOG	
LISBURN	LOG	9235	11265	LOG	
UP LIME	LOG	9235	10520	LOG	
DOLOMITE	LOG	10520	10925	LOG	
LO LMST	LOG	10925	11265	LOG	
ENDICOTT	LOG	11265	12745	LOG	
ITKILYRK	LOG	11265	11960	LOG	
KEKIKTUK	LOG	11960	12745	LOG	
ARGILLIT	LOG	12745	----		

EIRC

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 10N RGE: 16E SEC: 10 SURF. DELTA STATE 1
 LAT: 070 14 9 LONG: 148 1 53 SURF. API NUMBER: 50-029-20004-00-00
 KB ELEV.: 37 ROCK UNIT AT T.O.: LISBURNE TOTAL DEPTH: 10001 4

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	9115	LOG	
SG/CLV S	EST	75	7520	LOG	
CLV GP H	LOG	7520	9115	LOG	
PBL SHL	LOG	9115	9350	LOG	
PFLSH GR	LOG	9120	9330	LOG	
PFLS UFM	LOG	9350	9350	LOG	
LISBURNE	LOG	9350	----		

01/12/81

RIPC

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 8N RGE: 15E SEC: 4 SURF. TOOLIK FEDERAL 1
 LAT: 070 4 23 LONG: 148 23 34 SURF. API NUMBER: 50-029-20005-00-00
 KB ELEV.: 106 ROCK UNIT AT T.O.: S4DLRCT TOTAL DEPTH: 10814

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	17	100	EST	
SG/CLV U	EST	100	9130	LOG	
SG/CLV S	EST	100	6360	LOG	
CLV GP H	LOG	6360	9130	LOG	
PBL SHL	LOG	9130	9310	LOG	
PFLSH GR	LOG	9140	9260	LOG	
PFLS UFM	LOG	9310	9310	LOG	
KINGAK	LOG	9310	10125	LOG	
S4 RV	LOG	10125	10145	LOG	
SHUPLTK	LOG	10145	10200	LOG	
S4DLRCT	LOG	10200	----		
PIPE CPK	LOG	10200	10240	LOG	
IVSK SS	LOG	10240	----		

1

RIPC

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 14E SEC: 27 SURF. PUT RIVER 1 27-11-14
 LAT: 070 16 41 LONG: 148 33 56 SURF. API NUMBER: 50-029-20006-00-00
 KB ELEV.: 36 ROCK UNIT AT T.O.: LISBURNE TOTAL DEPTH: 9240

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	16	75	EST	
SG/CLV U	EST	75	7725	LOG	
SG/CLV S	EST	75	6200	LOG	
CLV GP H	LOG	6200	7725	LOG	
PBL SHL	LOG	7725	7925	LOG	
PFLSH GR	LOG	7735	7910	LOG	
PFLS UFM	LOG	7925	7925	LOG	
KINGAK	LOG	7925	8350	LOG	
S4 RV	LOG	8350	8385	LOG	
SHUPLTK	LOG	8385	8460	LOG	
S4DLRCT	LOG	8460	9230	LOG	
IVSK SS	LOG	8460	9000	LOG	
KAVJK SH	LOG	9000	9230	LOG	
LISBURNE	LOG	9230	----		
UP LTME	LOG	9230	----		

K 40

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 14E SEC: 25 SURF. SOCIAL 31-25
 LAT: 070 11 50 LONG: 148 27 47 SURF. API NUMBER: 50-029-20007-00-00
 RP ELEV.: 70 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10271

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	20	75	EST	
SG/CLV U	EST	75	8200	LOG	
SG/CLV S	EST	75	6580	LOG	
CLV GP H	LOG	6580	8200	LOG	
PEBL SHL	LOG	8200	8400	LOG	
PPLSH GR	LOG	8210	8380	LOG	
PPLS UFM	LOG	8400	8400	LOG	
KINGAK	LOG	8400	8940	LOG	
SAC RV	LOG	8940	8965	LOG	
SHURLIK	LOG	8965	9025	LOG	
SAOLRCT	LOG	9025	9920	LOG	
IVSK SS	LOG	9025	9600	LOG	
KAVIK SH	LOG	9600	9840	LOG	
ECHOOKA	LOG	9840	9920	LOG	
LISBURNE	LOG	9920	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

08/16/81

TWP: 11N RGE: 12E SEC: 21 SURF. KUPARUK STATE 1
 LAT: 070 17 21 LONG: 149 6 53 SURF. API NUMBER: 50-029-20008-00-00
 RP ELEV.: 60 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 11099

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6660	LOG	
SG/CLV S	EST	75	5065	LOG	
CLV GP H	LOG	5065	6660	LOG	
PEBL SHL	LOG	6660	6955	LOG	
PPLSH GR	LOG	6670	6830	LOG	
PPLS UFM	LOG	6955	6955	LOG	
KINGAK	LOG	6955	8640	LOG	
SHURLIK	LOG	8640	8735	LOG	
SAOLRCT	LOG	8735	9620	LOG	
FIRE CRK	LOG	8735	8765	LOG	
IVSK SS	LOG	8765	9395	LOG	
KAVIK SH	LOG	9395	9575	LOG	
ECHOOKA	LOG	9575	9620	LOG	
LISBURNE	LOG	9620	10810	LOG	
UP LINE	LOG	9620	10140	LOG	
DOLomite	LOG	10140	10580	LOG	
LO LMST	LOG	10580	10810	LOG	
ENDICOTT	LOG	10810	----		
ITKILYRK	LOG	10810	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 9E SEC: 22 SURF. UGNO 1
 LAT: 070 22 54 LONG: 149 49 33 SURF. API NUMBER: 50-029-20009-00-00
 KR ELEV.: 75 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9420

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GBK/SFD	SUR	16	40	EST	
SG/CLV U	EST	40	5315	LOG	
SG/CLV S	EST	40	3250	LOG	
CLV GP H	LOG	3250	5315	LOG	
TOROK	LOG	5315	5555	LOG	
PABL SHL	LOG	5555	5920	LOG	
PBLSH GR	LOG	5555	5675	LOG	
PBLS UFM	LOG	5920	5920	LOG	
KUPARUK	LOG	5920	6245	LOG	
KINGAK	LOG	6245	8100	LOG	
SAG RV	LOG	8100	8170	LOG	
SHUBLIK	LOG	8170	8345	LOG	
SADLRCT	LOG	8345	9120	LOG	
PIPE CRK	LOG	8345	8370	LOG	
IVSK SS	LOG	8370	8900	LOG	
KAVIK SH	LOG	8900	9060	LOG	
ECHOOKA	LOG	9060	9120	LOG	
LISBURNE	LOG	9120	---		
UP LIMF	LOG	9120	9200	LOG	
DOLOMITE	LOG	9200	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 33 SURF. PUT RIVER 33-11-13
 LAT: 070 16 3 LONG: 149 51 6 SURF. API NUMBER: 50-029-20010-00-00
 KR ELEV.: 61 ROCK UNIT AT T.D.: UP LIME TOTAL DEPTH: 10259

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	25	75	EST	
SG/CLV U	EST	75	7350	LOG	
SG/CLV S	EST	75	5830	LOG	
CLV GP H	LOG	5830	7350	LOG	
PABL SHL	LOG	7350	7595	LOG	
PBLSH GP	LOG	7355	7590	LOG	
PBLS UFM	LOG	7595	7595	LOG	
KINGAK	LOG	7595	8860	LOG	
SAG RV	LOG	8860	8880	LOG	
SHUBLIK	LOG	8880	8960	LOG	
SADLRCT	LOG	8960	9830	LOG	
IVSK SS	LOG	8960	9560	LOG	
KAVIK SH	LOG	9560	9780	LOG	
ECHOOKA	LOG	9780	9830	LOG	
LISBURNE	LOG	9830	---		
UP LIME	LOG	9830	---		

STRO

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 16E SEC: 31 SURF. SAG DELTA 31-11-16
 LAT: 070 16 6 LONG: 148 10 00 SURF. API NUMBER: 50-029-20011-00-00
 KE ELEV.: 27 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9094

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	8670	LOG	
SG/CLV S	EST	75	7220	LOG	
CLV GP H	LOG	7220	8670	LOG	
PBBL SHL	LOG	8670	8890	LOG	
PFLSH GR	LOG	8675	8855	LOG	
PFLS UFM	LOG	8855	8890	LOG	
SADLRCT	LOG	8890	9050	LOG	
KAVIK SH	LOG	8890	9050	LOG	
LISBURNE	LOG	9050	---		

EIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 15E SEC: 24 SURF. LAKE STATE 1
 LAT: 070 12 25 LONG: 148 12 51 SURF. API NUMBER: 50-029-20012-00-00
 KE ELEV.: 52 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10003

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	21	75	EST	
SG/CLV U	EST	75	8665	LOG	
SG/CLV S	EST	75	7040	LOG	
CLV GP H	LOG	7040	8665	LOG	
PBBL SHL	LOG	8665	8890	LOG	
PFLSH GR	LOG	8680	8865	LOG	
PFLS UFM	LOG	8890	8890	LOG	
SHUCLIK	LOG	8890	8910	LOG	
SADLRCT	LOG	8910	9680	LOG	
IVSK SS	LOG	8910	9420	LOG	
KAVIK SH	LOG	9420	9640	LOG	
ECHOOKA	LOG	9640	9680	LOG	
LISBURNE	LOG	9680	---		

PIPE

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 11E SEC: 28 SURF. NORTHWEST EILEEN 1
 LAT: 070 21 55 LONG: 149 21 31 SURF. API NUMBER: 50-029-20013-00-00
 KB ELEV.: 75 ROCK UNIT AT T.D.: LISBURN TOTAL DEPTH: 9997

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	34	75	EST	
SG/CLV U	EST	75	6060	LOG	
SG/CLV S	EST	75	4400	LOG	
CLV GP H	LOG	4400	6060	LOG	
PBLS SHL	LOG	6060	6450	LOG	
PBLS GR	LOG	6090	6260	LOG	
PBLS UFM	LOG	6450	6450	LOG	
KUPARUK	LOG	6450	6800	LOG	
KINGAK	LOG	6800	8705	LOG	
SAG RV	LOG	8705	8760	LOG	
SHURLIK	LOG	8760	8910	LOG	
SADLRCT	LOG	8910	9740	LOG	
FIRE CRK	LOG	8910	8940	LOG	
IVSK SS	LOG	8940	9515	LOG	
KAVIK SH	LOG	9515	9675	LOG	
ECHOOKA	LOG	9675	9740	LOG	
LISBURN	LOG	9740	---		
UP LIME	LOG	9740	9950	LOG	
DOLomite	LOG	9950	---		

PIPE

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 11E SEC: 3 SURF. WEST KUPARUK 3-11-11
 LAT: 070 20 7 LONG: 149 18 24 SURF. API NUMBER: 50-029-20014-00-00
 KB ELEV.: 70 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 11532

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6210	LOG	
SG/CLV S	EST	75	4515	LOG	
CLV GP H	LOG	4515	6210	LOG	
PBLS SHL	LOG	6210	6560	LOG	
PBLS GR	LOG	6220	6420	LOG	
PBLS UFM	LOG	6560	6560	LOG	
KUPARUK	LOG	6560	6950	LOG	
KINGAK	LOG	6950	8763	LOG	
SAG RV	LOG	8760	8805	LOG	
SHURLIK	LOG	8805	8930	LOG	
SADLRCT	LOG	8930	9740	LOG	
FIRE CRK	LOG	8930	8960	LOG	
IVSK SS	LOG	8960	9520	LOG	
KAVIK SH	LOG	9520	9670	LOG	
ECHOOKA	LOG	9670	9740	LOG	
LISBURN	LOG	9740	10600	LOG	
UP LIME	LOG	9740	10005	LOG	
DOLomite	LOG	10005	10215	LOG	
LO LIME	LOG	10215	10600	LOG	
ENDICOTT	LOG	10600	11135	LOG	
ITKILYRK	LOG	10600	10925	LOG	
MEKILYRK	LOG	10925	11135	LOG	
BSM CPLX	LOG	11135	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 14E SEC: 24 SURF. PUT RIVER 24-10-14
 LAT: 070 12 7 LONG: 148 27 59 SURF. API NUMBER: 50-029-20015-00-00
 KB ELEV.: 60 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 40315

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFO	SUR	18	75	EST	
SG/CLV U	EST	75	8180	LOG	
SG/CLV S	EST	75	6450	LOG	
CLV GP H	LOG	6450	8180	LOG	
PPBL SHL	LOG	8180	8380	LOG	
PFLSH GR	LOG	8180	8350	LOG	
PFLS UFM	LOG	8380	8380	LOG	
KINGAK	LOG	8380	8910	LOG	
SAG RV	LOG	8910	8930	LOG	
SHUBLIK	LOG	8930	9000	LOG	
SADLACT	LOG	9000	9885	LOG	
IYSK SS	LOG	9000	9570	LOG	
KAVIK SH	LOG	9570	9800	LOG	
ECHOOKA	LOG	9800	9870	LOG	
LISBURNE	LOG	9885	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 14E SEC: 7 SURF. POINT STORKERSEN 1
 LAT: 070 24 10 LONG: 148 41 48 SURF. API NUMBER: 50-029-20016-00-00
 KB ELEV.: 26 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 11473

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFO	SUR	15	75	EST	
SG/CLV U	EST	75	8380	LOG	
SG/CLV S	EST	75	6680	LOG	
CLV GP H	LOG	6680	8380	LOG	
PPBL SHL	LOG	8380	8800	LOG	
PFLSH GR	LOG	8380	8670	LOG	
PFLS UFM	LOG	8800	8800	LOG	
KUPARUK	LOG	8800	9360	LOG	
KINGAK	LOG	9360	10430	LOG	
SAG RV	LOG	10430	10515	LOG	
SHUBLIK	LOG	10515	10580	LOG	
SADLACT	LOG	10580	11065	LOG	
IYSK SS	LOG	10580	10950	LOG	
KAVIK SH	LOG	10950	11065	LOG	
LISBURNE	LOG	11065	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 10N RGE: 14E SEC: 7 SURF. PUT RIVER 1 7-10-14
 LAT: 07D 14 11 LONG: 148 40 46 SURF. API NUMBER: 50-029-20017-00-00
 KB ELEV.: 70 ROCK UNIT AT T.D.:UP LINE TOTAL DEPTH: 49903

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	7820	LOG	
SG/CLV S	EST	75	6130	LOG	
CLV GP H	LOG	6130	7820	LOG	
PFBL SHL	LOG	7820	8015	LOG	
PELSH GR	LOG	7825	8000	LOG	
PELS UFM	LOG	8015	8015	LOG	
KINGAK	LOG	8015	8900	LOG	
SAG RV	LOG	8900	8920	LOG	
SHUFLIK	LOG	8920	9000	LOG	
SAOLRCT	LOG	9000	9880	LOG	
IVSK SS	LOG	9000	9590	LOG	
KAVIK SH	LOG	9590	9815	LOG	
ET-DOKA	LOG	9815	9880	LOG	
LISPURNE	LOG	9880	----		
UP LINE	LOG	9880	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 9N RGE: 11E SEC: 3 SURF. HEMI 3-9-11
 LAT: 07C 10 00 LONG: 149 18 15 SURF. API NUMBER: 50-029-20018-00-00
 KB ELEV.: 114 ROCK UNIT AT T.D.:CLV GP H TOTAL DEPTH: 6032

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	12	75	EST	
SG/CLV U	EST	75	----		
SG/CLV S	EST	75	4490	LOG	
CLV GP H	LOG	4490	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 9N RGE: 16F SEC: 15 SURF. KADLER 15-9-16
 LAT: 070 7 58 LONG: 148 2 18 SURF. API NUMBER: 50-029-20019-00-00
 KB ELEV.: 77 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 15543

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	100	EST	
SG/CLV U	EST	100	9410	LOG	
SG/CLV S	EST	100	7600	LOG	
CLV GP H	LOG	7600	9410	LOG	
PBL SHL	LOG	9410	9645	LOG	
PPLSH GR	LOG	9410	9605	LOG	
PPLS UFM	LOG	9645	9645	LOG	
SADLACT	LOG	9645	10410	LOG	
IVSK SS	LOG	9645	10120	LOG	
KAVIK SH	LOG	10120	10330	LOG	
ECHOOMA	LOG	10330	10410	LOG	
LISBURN	LOG	10410	13020	LOG	
UP LIME	LOG	10410	12005	LOG	
DOLOMITE	LOG	12005	12540	LOG	
LO LMST	LOG	12540	13020	LOG	
ENDICOTT	LOG	13020	14730	LOG	
ITKILYRK	LOG	13020	13940	LOG	
KEKIKYUK	LOG	13940	14730	LOG	
ARGILLIT	LOG	14730	----		

10420
9645
475

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 13E SEC: 9 SURF. PUT RIVER (J-1) 9-11-13
 LAT: 070 19 38 LONG: 148 50 21 SURF. API NUMBER: 50-029-20020-00-00
 KB ELEV.: 56 ROCK UNIT AT T.O.: BSM CPLX TOTAL DEPTH: 11871

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	20	75	EST	
SG/CLV U	EST	75	6885	LOG	
SG/CLV S	EST	75	5730	LOG	
CLV GP H	LOG	5730	6885	LOG	
PBL SHL	LOG	6885	7135	LOG	
PPLSH GR	LOG	6885	7110	LOG	
PPLS UFM	LOG	7135	7135	LOG	
KINGAK	LOG	7135	8410	LOG	
SAC RV	LOG	8410	8445	LOG	
SHURLIK	LOG	8445	8530	LOG	
SADLACT	LOG	8530	9305	LOG	
IVSK SS	LOG	8530	9145	LOG	
KAVIK SH	LOG	9145	9305	LOG	
LISBURN	LOG	9305	10725	LOG	
UP LIME	LOG	9305	10200	LOG	
DOLOMITE	LOG	10200	10570	LOG	
LO LMST	LOG	10570	10725	LOG	
ENDICOTT	LOG	10725	11660	LOG	
ITKILYRK	LOG	10725	11430	LOG	
KEKIKYUK	LOG	11430	11660	LOG	
BSM CPLX	LOG	11660	----		

RIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 8N RGE: 18E SEC: 4 SURF. KAD RIVER 1
 LAT: 070 44 LONG: 147 30 53 SURF. API NUMBER: 50-029-20021-00-00
 ME ELEV.: 115 ROCK UNIT AT T.O.: LISBURNE TOTAL DEPTH: 13161

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	100	EST	
SG/CLV U	EST	100	10355	LOG	
SG/CLV S	EST	100	8385	LOG	
CLV GP W	LOG	8385	10355	LOG	
PEEL SHL	LOG	10355	10610	LOG	
PELSH GR	LOG	10355	10565	LOG	
PELS UFM	LOG	10610	10610	LOG	
SADLRCT	LOG	10610	10950	LOG	
IVSK SS	LOG	10610	10685	LOG	
KAVIK SH	LOG	10685	10880	LOG	
ECHOOKA	LOG	10880	10950	LOG	
LISBURNE	LOG	10950	---		
UP LYME	LOG	10950	12620	LOG	
DOLOMITE	LOG	12620	13010	LOG	
LO LMST	LOG	13010	---		

RIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 13E SEC: 21 SURF. KUP RIVER 21-12-13
 LAT: 070 22 44 LONG: 148 51 3 SURF. API NUMBER: 50-029-20022-00-00
 ME ELEV.: 17 ROCK UNIT AT T.O.: LISBURNE TOTAL DEPTH: 10512

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	14	75	EST	
SG/CLV U	EST	75	7460	LOG	
SG/CLV S	EST	75	5950	LOG	
CLV GP W	LOG	5950	7460	LOG	
PEEL SHL	LOG	7460	7630	LOG	
PELSH GR	LOG	7460	7630	LOG	
PELS UFM	LOG	7630	7630	LOG	
KUPAPUK	LOG	7630	7730	LOG	
KINGAK	LOG	7730	9075	LOG	
SAG RV	LOG	9075	9140	LOG	
SHUPLIK	LOG	9140	9220	LOG	
SADLRCT	LOG	9220	9815	LOG	
PIPE CRK	LOG	9220	9240	LOG	
IVSK SS	LOG	9240	9670	LOG	
KAVIK SH	LOG	9670	9815	LOG	
LISBURNE	LOG	9815	---		
UP LYME	LOG	9815	10300	LOG	
DOLOMITE	LOG	10300	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 13E SEC: 5 SURF. HURL 5-10-13
 LAT: 070 15 8 LONG: 148 53 48 SURF. API NUMBER: 50-029-20027-00-00
 ME ELEV.: 73 ROCK UNIT AT T.O.: ENDICOTT TOTAL DEPTH: 11420

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GEN/SFO	SUR	17	75	EST	
SG/CLV U	EST	75	7285	EST	
SG/CLV S	EST	75	5650	LOG	
CLV GP H	LOG	5650	7285	EST	
PRBL SHL	EST	7285	7485	LOG	
PFLSH GR	EST	7285	7480	EST	
PFLS UFM	LOG	7485	7485	LOG	
KINGAY	LOG	7485	8850	LOG	
SAG RV	LOG	8850	8870	LOG	
SHUPLIN	LOG	8870	8960	LOG	
SACLRCY	LOG	8960	9855	LOG	
IVSK SS	LOG	8960	9580	LOG	
KAVIK SH	LOG	9580	9805	LOG	
ECHOOKA	LOG	9805	9855	LOG	
LISPURNE	LOG	9855	11190	LOG	
UP LIME	LOG	9855	10625	LOG	
OPLOMITE	LOG	10625	10855	LOG	
LO LMST	LOG	10855	11190	LOG	
ENDICOTT	LOG	11190	----		
ITWILYOK	LOG	11190	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 13N RGE: 10E SEC: 25 SURF. KAVEARAK POINT 32-25
 LAT: 070 27 19 LONG: 149 26 8 SURF. API NUMBER: 50-029-20028-00-00
 ME ELEV.: 37 ROCK UNIT AT T.O.: SACLRCY TOTAL DEPTH: 9799

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GEN/SFO	SUR	17	75	EST	
SG/CLV U	EST	75	6330	LOG	
SG/CLV S	EST	75	4485	LOG	
CLV GP H	LOG	4485	6330	LOG	
PRBL SHL	LOG	6330	6685	LOG	
PFLSH GR	LOG	6330	6460	LOG	
PFLS UFM	LOG	6685	6685	LOG	
KUPARUK	LOG	6685	7165	LOG	
KINGAY	LOG	7165	8920	LOG	
SAG RV	LOG	8920	8990	LOG	
SHUPLIN	LOG	8990	9180	LOG	
SACLRCY	LOG	9180	----		
IVSK SS	LOG	9180	9785	LOG	
KAVIK SH	LOG	9785	----		

PIPO

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 13N RGE: 9E SEC: 14 SURF. SIMPSON LAGOON 32-14
 LAT: 070 29 58 LONG: 149 43 58 SURF. API NUMBER: 50-029-20029-00-00
 LAT: 070 29 05 LONG: 149 46 31 BTM. TOTAL MEASURED DEPTH: 10483
 KB ELEV.: 27 ROCK UNIT AT T.D.: LISBURNE TRUE VERTICAL DEPTH: 10017

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFO	SUR	20	20	75	75	EST	
SG/CLV U	EST	75	75	6255	6550	LOG	
SG/CLV S	EST	75	75	3815	3855	LOG	
CLV GP H	LOG	3855	3815	6255	6550	LOG	
PEBL SHL	LOG	6550	6255	6565	6890	LOG	
PELSH GR	LOG	6550	6255	6340	6640	LOG	
PELS UFM	LOG	6890	6565	6565	6890	LOG	
KUPARUK	LOG	6890	6565	6835	7180	LOG	
KINGAK	LOG	7180	6835	8555	9000	LOG	
SAG RV	LOG	9000	8555	8645	9095	LOG	
SHURLIK	LOG	9095	8645	8840	9295	LOG	
SIDL PCT	LOG	9295	8840	9710	10180	LOG	
IVSK SS	LOG	9295	8840	9580	10050	LOG	
KAVIK SH	LOG	10050	9580	9660	10130	LOG	
ECHOOKA	LOG	10130	9660	9710	10180	LOG	
LISBURNE	LOG	10180	9710	----	----		
UP LIME	LOG	10180	9710	9915	10400	LOG	
DOLOMITE	LOG	10400	9915	----	----		

PIPO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 14E SEC: 31 SURF. SAG DELTA 31-10-16
 LAT: 070 10 56 LONG: 148 9 29 SURF. API NUMBER: 50-029-20030-00-00
 KB ELEV.: 64 ROCK UNIT AT T.D.: KEKIKTUK TOTAL DEPTH: 13877

ROCK UNIT	TYPE	TOP	POTOM	TYPE	02/16/81
GRK/SFO	SUR	17	75	EST	
SG/CLV U	EST	75	8935	LOG	
SG/CLV S	EST	75	7240	LOG	
CLV GP H	LOG	7240	8935	LOG	
PEBL SHL	LOG	8935	9160	LOG	
PELSH GR	LOG	8940	9140	LOG	
PELS UFM	LOG	9160	9160	LOG	
SHURLIK	LOG	9160	9180	LOG	
SIDL PCT	LOG	9180	9970	LOG	
IVSK SS	LOG	9180	9730	LOG	
KAVIK SH	LOG	9730	9915	LOG	
ECHOOKA	LOG	9915	9970	LOG	
LISBURNE	LOG	9970	12310	LOG	
UP LIME	LOG	9970	11450	LOG	
DOLOMITE	LOG	11450	11970	LOG	
LO LMST	LOG	11970	12310	LOG	
ENDICOTT	LOG	12310	----		
ITKILYRK	LOG	12310	13115	LOG	
KEKIKTUK	LOG	13115	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 8N RGE: 17E SEC: 1 SURF. LAKE 79 FEDERAL 1
 LAT: 070 4 43 LONG: 147 45 59 SURF. API NUMBER: 50-029-20031-00-00
 KB ELEV.: 100 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 85544

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRW/SFD	SUR	19	100	EST	
SG/CLV U	EST	100	10175	LOG	
SG/CLV S	EST	100	8200	LOG	
CLV GP H	LOG	8200	10175	LOG	
PPRL SHL	LOG	10175	10430	LOG	
PPLSH GR	LOG	10180	10385	LOG	
PPLS UFM	LOG	10430	10430	LOG	
IVSK SS	LOG	10430	10750	LOG	
KAVIK SH	LOG	10750	10935	LOG	
ECHOOKA	LOG	10935	11015	LOG	
LISPURNE	LOG	11015	13595	LOG	
UP LYME	LOG	11015	12185	LOG	
DOLomite	LOG	12185	13115	LOG	
LO LNST	LOG	13115	13595	LOG	
ENDICOTT	LOG	13595	15340	LOG	
ITKILYOK	LOG	13595	14720	LOG	
KEXIKYUK	LOG	14720	15340	LOG	
BSM CPLX	LOG	15340	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 12E SEC: 26 SURF. NORTH KUPARUK 26-12-12
 LAT: 070 21 52 LONG: 149 1 45 SURF. API NUMBER: 50-029-20032-00-00
 KB ELEV.: 47 ROCK UNIT AT T.D.: LISPURNE TOTAL DEPTH: 10311

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRW/SFD	SUR	19	100	EST	
SG/CLV U	EST	100	6600	LOG	
SG/CLV S	EST	100	5365	LOG	
CLV GP H	LOG	5365	6600	LOG	
PPRL SHL	LOG	6600	6800	LOG	
PPLSH GR	LOG	6600	6770	LOG	
PPPLSH S	LOG	6790	6800	LOG	
PPLS UFM	LOG	6800	6800	LOG	
KUPARUK	LOG	6800	7050	LOG	
KINGAK	LOG	7050	8780	LOG	
SAG RV	LOG	8780	8835	LOG	
SHUBLIN	LOG	8835	8885	LOG	
SADLRCT	LOG	8885	9610	LOG	
IVSK SS	LOG	8885	9440	LOG	
KAVIK SH	LOG	9440	9610	LOG	
LISPURNE	LOG	9610	----		
UP LYME	LOG	9610	10120	LOG	
DOLomite	LOG	10120	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 15E SEC: 19 SURF. PUT RIVER 19-10-15
 LAT: 070 12 42 LONG: 148 24 45 SURF. API NUMBER: 50-029-20035-00-00
 K9 ELEV.: 55 ROCK UNIT AT T.O.: LISBURN TOTAL DEPTH: 19870

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	30	75	EST	
SG/CLV U	EST	75	8265	LOG	
SG/CLV S	EST	75	8620	LOG	
CLV GP W	LOG	8620	8265	LOG	
PRBL SHL	LOG	8265	8470	LOG	
PELSH GR	LOG	8270	8460	LOG	
PELS UFM	LOG	8470	8470	LOG	
KINGAK	LOG	8470	8840	LOG	
SIG RV	LOG	8840	8865	LOG	
SHUPLIK	LOG	8865	8940	LOG	
SAGLRCT	LOG	8940	9780	LOG	
IYSH SS	LOG	8940	9515	LOG	
KAVIK SH	LOG	9515	9730	LOG	
ECHOOKA	LOG	9730	9780	LOG	
LISBURN	LOG	9780	---		

9515
 8940
 575

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 12E SEC: 15 SURF. SOUTHEAST EILEEN 1 35-11-12
 LAT: 070 15 53 LONG: 148 1 8 SURF. API NUMBER: 50-029-20040-00-00
 K9 ELEV.: 79 ROCK UNIT AT T.O.: ENDICOTT TOTAL DEPTH: 11207

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	31	75	EST	
SG/CLV U	EST	75	7060	LOG	
SG/CLV S	EST	75	5415	LOG	
CLV GP W	LOG	5415	7060	LOG	
PRBL SHL	LOG	7060	7360	LOG	
PELSH GR	LOG	7075	7345	LOG	
PELS UFM	LOG	7360	7360	LOG	
KINGAK	LOG	7360	8930	LOG	
SAG RV	LOG	8930	8950	LOG	
SHUPLIK	LOG	8950	9050	LOG	
SAGLRCT	LOG	9050	9925	LOG	
IYSH SS	LOG	9050	9700	LOG	
KAVIK SH	LOG	9700	9870	LOG	
ECHOOKA	LOG	9870	9925	LOG	
LISBURN	LOG	9925	11110	LOG	
UP LIME	LOG	9925	10440	LOG	
DOLOMITE	LOG	10440	10855	LOG	
LO LMSY	LOG	10855	11110	LOG	
ENDICOTT	LOG	11110	---		
ITKILYRK	LOG	11110	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 8N RGE: 12E SEC: 5 SURF.
 LAT: 070 4 18 LONG: 149 12 24 SURF.
 KB ELEV.: 122 ROCK UNIT AT T.O.: KINGAK

TOOLIK FEDERAL 2
 API NUMBER: 50-029-20041-00-00
 TOTAL DEPTH: 8700

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	15	50	EST	
SG/CLV U	EST	50	7560	LOG	
SG/CLV S	EST	50	5080	LOG	
CLV GP H	LOG	5080	7560	LOG	
PPBL SHL	LOG	7560	7860	LOG	
PPLSH GR	LOG	7570	7765	LOG	
BPBLSH S	LOG	7845	7860	LOG	
PLS UFM	LOG	7860	7860	LOG	
KINGAK	LOG	7860	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 12E SEC: 1 SURF.
 LAT: 070 20 4 LONG: 148 57 30 SURF.
 KB ELEV.: 41 ROCK UNIT AT T.O.: SADLRCT

PUT RIVER (M-1) 01-11-12
 API NUMBER: 50-029-20042-00-00
 TOTAL DEPTH: 9397

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GBK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6440	LOG	
SG/CLV S	EST	75	5320	LOG	
CLV GP H	LOG	5320	6565	LOG	
PPBL SHL	LOG	6565	6830	LOG	
PPLSH GR	LOG	6565	6755	LOG	
PLS UFM	LOG	6830	6830	LOG	
KINGAK	LOG	6930	8585	LOG	
SAG RV	LOG	8585	8630	LOG	
SHUPLIK	LOG	8630	8710	LOG	
SADLRCT	LOG	8710	----		
IVSK SS	LOG	8710	9330	LOG	
KAVIK SH	LOG	9330	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 10N RGE: 15E SEC: 8 SURF.
 LAT: 070 14 32 LONG: 148 23 43 SURF.
 LAT: 070 14 21 LONG: 148 22 30 PTM.
 KB ELEV.: 73 ROCK UNIT AT T.O.: IVSK SS

PRUDHOE BAY DS 1-1 8-10-15
 API NUMBER: 50-029-20044-00-00
 TOTAL MEASURED DEPTH: 9858
 TRUE VERTICAL DEPTH: 9224

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	2/16/81
GBK/SFD	SUR	39	39	75	75	EST	
SG/CLV U	EST	75	75	8225	8760	LOG	
SG/CLV S	EST	75	75	6675	7060	LOG	
CLV GP H	LOG	7060	6675	8225	8760	LOG	
PPBL SHL	LOG	8760	8225	8430	8985	EST	
PPLSH GR	LOG	8770	8235	8430	8985	EST	
PLS UFM	EST	8985	8430	8430	8985	LOG	
KINGAK	LOG	8985	8430	8595	9160	LOG	
SAG RV	LOG	9160	8595	8630	9195	LOG	
SHUPLIK	LOG	9195	8630	8700	9225	LOG	
SADLRCT	LOG	9225	8700	----	----		
IVSK SS	LOG	9225	8700	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N R6E: 13W SEC: 33 SURF. PUT RIVER 33-12-13
 LAT: 070 21 22 LONG: 148 50 6 SURF. API NUMBER: 50-029-20047-00-00
 PR ELEV.: 48 ROCK UNIT AT T.D.: IVSK SS TOTAL DEPTH: 9300

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	7160	LOG	
SG/CLV S	EST	75	5800	LOG	
CLV GP H	LOG	5800	7160	LOG	
PEBL SHL	LOG	7160	7355	LOG	
POLSH GR	LOG	7165	7350	LOG	
PPLS UFM	LOG	7355	7355	LOG	
KINGSK	LOG	7355	8610	LOG	
SAG RV	LOG	8810	8865	LOG	
SHURLIK	LOG	8865	8945	LOG	
SADLPCT	LOG	8945	---		
IVSK SS	LOG	8945	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N R6E: 12E SEC: 20 SURF. BEECHY POINT 1
 LAT: 070 22 35 LONG: 149 8 11 SURF. API NUMBER: 50-029-20048-00-00
 PR ELEV.: 43 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 10610

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	50	EST	
SG/CLV U	EST	50	6530	LOG	
SG/CLV S	EST	50	5125	LOG	
CLV GP H	LOG	5125	6530	LOG	
PEBL SHL	LOG	6530	6685	LOG	
POLSH GR	LOG	6530	6630	LOG	
PPLS UFM	LOG	6685	6685	LOG	
KUPAPUK	LOG	6685	7090	LOG	
KINGAK	LOG	7090	9070	LOG	
SAG RV	LOG	9070	9120	LOG	
SHURLIK	LOG	9120	9225	LOG	
SADLPCT	LOG	9225	9965	LOG	
IVSK SS	LOG	9225	9780	LOG	
KAVIK SH	LOG	9780	9965	LOG	
LISBURNE	LOG	9965	---		
UP LIME	LOG	9965	10275	LOG	
DOLOMITE	LOG	10275	10430	LOG	
LO LMST	LOG	10430	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 14E SEC: 25 SURF. NORTH PRUDHOE BAY 1
 LAT: 070 22 36 LONG: 148 31 27 SURF. API NUMBER: 50-029-20049-00-00
 KB ELEV.: 44 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9610

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	0250	LOG	
SG/CLV S	EST	75	6740	LOG	
CLV GP H	LOG	6740	0250	LOG	
PEBL SPL	LOG	0250	8665	LOG	
PPLS UFM	LOG	8665	8665	LOG	
KINGAK	LOG	8665	9105	LOG	
SAG RV	LOG	9105	9180	LOG	
SHUGLIK	LOG	9180	9250	LOG	
SADLRET	LOG	9250	---		
IVSK SS	LOG	9250	9570	LOG	
KAVIK SH	LOG	9570	---		

PIPE

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 8N RGE: 9E SEC: 4 SURF. TOOLIK FEDERAL 3
 LAT: 070 4 35 LONG: 145 54 2 SURF. API NUMBER: 50-029-20051-00-00
 KB ELEV.: 352 ROCK UNIT AT T.D.: CLV GP H TOTAL DEPTH: 6020

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	50	EST	
SG/CLV U	EST	50	---		
SG/CLV S	EST	50	3750	LOG	
CLV GP H	LOG	3750	---		

PIPE

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 10E SEC: 17 SURF. EAST UGNU 1
 LAT: 070 23 57 LONG: 149 40 15 SURF. API NUMBER: 50-029-20052-00-00
 KB ELEV.: 50 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 9775

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	50	EST	
SG/CLV U	EST	50	6000	LOG	
SG/CLV S	EST	50	4010	LOG	
CLV GP H	LOG	4010	6000	LOG	
PEBL SPL	LOG	6000	6405	LOG	
PPLSH GP	LOG	6000	6150	LOG	
PPLS UFM	LOG	6405	6405	LOG	
KUPARUK	LOG	6405	6715	LOG	
KINGAK	LOG	6715	8495	LOG	
SAG RV	LOG	8495	8565	LOG	
SHUGLIK	LOG	8565	8760	LOG	
SADLRET	LOG	8760	9625	LOG	
FIRE CRK	LOG	8760	8795	LOG	
IVSK SS	LOG	8795	9400	LOG	
KAVIK SH	LOG	9400	9555	LOG	
ECHOOMA	LOG	9555	9625	LOG	
LISBURNE	LOG	9625	---		
UP LINE	LOG	9625	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 23 SURF. PUT RIVER (D-1) 23-11-13
 LAT: 070 17 40 LONG: 148 45 9 SURF. API NUMBER: 50-029-20054-00-00
 LAT: 070 17 30 LONG: 148 46 23 BTM. TOTAL MEASURED DEPTH: 10130
 ME ELEV.: 58 ROCK UNIT AT T.D.: KAVIK SH TRUE VERTICAL DEPTH: 9297

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFD	SUR	20	20	75	75	EST	
SG/CLV U	EST	75	75	7200	7680	LOG	
SG/CLV S	EST	75	75	5890	6030	LOG	
CLV GP H	LOG	6030	5890	7200	7680	LOG	
PEPL SHL	LOG	7680	7200	7460	8010	LOG	
PELSH GR	LOG	7690	7210	7460	8010	LOG	
PELS UFM	LOG	8010	7460	7460	8010	LOG	
KINGAY	LOG	8010	7460	8485	9200	LOG	
SLG RV	LOG	9200	8485	8515	9235	LOG	
SHUPLIK	LOG	9235	8515	8595	9330	LOG	
SADLRCT	LOG	9330	8595	----	----		
IVSY SS	LOG	9330	8595	9210	10030	LOG	
KAVIK SH	LOG	10030	9210	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 9N RGE: 19E SEC: 13 SURF. MIKKELSEN BAY 13-9-19
 LAT: 070 8 4 LONG: 147 11 49 SURF. API NUMBER: 50-029-20055-00-00
 ME ELEV.: 47 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 16596

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	18	100	EST	
SG/CLV U	EST	100	11465	LOG	
SG/CLV S	EST	100	8470	LOG	
CLV GP H	LOG	8470	11465	LOG	
PEPL SHL	LOG	11465	11740	LOG	
PELSH GR	LOG	11470	11670	LOG	
PEPLSH S	LOG	11685	11740	LOG	
PELS UFM	LOG	11740	11740	LOG	
LISBURN	LOG	11740	13095	LOG	
UP LYME	LOG	11740	11930	LOG	
COLOMITE	LOG	11930	12395	LOG	
LD LMST	LOG	12395	13095	LOG	
ENDICOTT	LOG	13095	16240	LOG	
KAYAK SH	LOG	13095	14600	LOG	
KIKIKTUK	LOG	14600	16240	LOG	
ARGILLIT	LOG	16240	----		

RIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 14E SEC: 31 SURF. PUT RIVER (B-1) 31-11-4
 LAT: 070 16 6 LONG: 148 40 24 SURF. API NUMBER: 50-029-20059-00-00
 LAT: 070 15 43 LONG: 148 41 27 RTH. TOTAL MEASURED DEPTH: 10125
 KB ELEV.: 60 ROCK UNIT AT T.D.: IVSK SS TRUE VERTICAL DEPTH: 9260

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFO	SUR	45	45	75	75	EST	
SG/CLV U	EST	75	75	7555	8090	LOG	
SG/CLV S	EST	75	75	6080	6315	LOG	
CLV GP H	LOG	6315	6080	7555	8090	LOG	
PBL SHL	LOG	8090	7555	7765	8340	LOG	
PFLSH GR	LOG	8100	7565	7745	8320	LOG	
PFLS UFM	LOG	8340	7765	7765	8340	LOG	
KINGAK	LOG	8340	7765	8695	9490	LOG	
SAG RV	LOG	9490	8695	8725	9525	LOG	
SHUPLIK	LOG	9525	8725	8780	9590	LOG	
SADLRCI	LOG	9590	8780	----	----		
IVSK SS	LOG	9590	8780	----	----		

RIPC

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 12E SEC: 33 SURF. KUPARUK STATE 33-11-12
 LAT: 070 15 57 LONG: 149 5 41 SURF. API NUMBER: 50-029-20061-00-00
 KB ELEV.: 76 ROCK UNIT AT T.D.: IVSK SS TOTAL DEPTH: 9206

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFO	SUR	22	75	EST	
SG/CLV U	EST	75	6910	LOG	
SG/CLV S	EST	75	5325	LOG	
CLV GP H	LOG	5325	6910	LOG	
PBL SHL	LOG	6910	7110	LOG	
PFLSH GR	LOG	6920	7100	LOG	
PFLS UFM	LOG	7110	7110	LOG	
KINGAK	LOG	7110	8915	LOG	
SAG RV	LOG	8915	8940	LOG	
SHUPLIK	LOG	8940	9030	LOG	
SADLRCI	LOG	9030	----		
FIFE CRK	LOG	9030	9060	LOG	
IVSK SS	LOG	9060	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 12E SEC: 7 SURF. KUPARUK STATE 7-11-12
 LAT: 070 19 1 LONG: 149 12 1 SURF. API NUMBER: 50-029-20062-00-00
 LAT: 070 19 13 LONG: 149 11 31 STM. TOTAL MEASURED DEPTH: 9320
 KB ELEV.: 67 ROCK UNIT AT T.D.: IVSK SS TRUE VERTICAL DEPTH: 9163

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFO	SUR	24	24	75	75	EST	
SG/CLV U	EST	75	75	6455	6540	LOG	
SG/CLV S	EST	75	75	5050	5100	LOG	
CLV GP H	LOG	5100	5050	6455	6540	LOG	
PFBL SHL	LOG	6540	6455	6710	6800	LOG	
PPLSH GR	LOG	6540	6455	6665	6755	LOG	
PPLS UFM	LOG	6800	6710	6710	6800	LOG	
KUPARUK	LOG	6800	6710	6860	6950	LOG	
KINGAK	LOG	6950	6860	8665	8820	LOG	
SAG RV	LOG	8820	8665	8700	8855	LOG	
SHUELIN	LOG	8855	8700	8835	8995	LOG	
SADLRCT	LOG	8995	8835	----	----		
IVSK SS	LOG	8995	8835	----	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 14E SEC: 36 SURF. PRUDHOE BAY (DS 2-4) 36-11-14
 LAT: 070 14 7 LONG: 148 28 34 SURF. API NUMBER: 50-029-20064-00-00
 LAT: 070 15 41 LONG: 148 25 51 STM. TOTAL MEASURED DEPTH: 9700
 KB ELEV.: 64 ROCK UNIT AT T.D.: KAVIK SH TRUE VERTICAL DEPTH: 9164

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GRK/SFO	SUR	40	40	75	75	EST	
SG/CLV U	EST	75	75	7975	8385	LOG	
SG/CLV S	EST	75	75	6440	6715	LOG	
CLV GP H	LOG	6715	6440	7975	8385	LOG	
PFBL SHL	LOG	8385	7975	8200	8625	LOG	
PPLSH GP	EST	8395	7985	8180	8605	EST	
PPLS UFM	LOG	8625	8200	8200	8625	LOG	
KINGAK	LOG	8625	8200	8430	8870	LOG	
SAG RV	LOG	8870	8430	8470	8915	LOG	
SHUELIN	LOG	8915	8470	8550	9000	LOG	
SADLRCT	LOG	9000	8550	----	----		
IVSK SS	LOG	9000	8550	9105	9630	LOG	
KAVIK SH	LOG	9630	9105	----	----		

PIRO

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 12N RGE: 1SE SEC: 11 SURF. KUP DELTA : 51-1
 LAT: 070 24 33 LONG: 148 44 53 SURF. API NUMBER: 50-029-20063-00-00
 KR ELEV.: 35 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 11200

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	25	75	EST	
SG/CLV U	EST	75	8285	LOG	
SG/CLV S	EST	75	6565	LOG	
CLV GP H	LOG	6565	8285	LOG	
PEBL SHL	LOG	8285	8620	LOG	
PPLSH GR	LOG	8300	8530	LOG	
PPLS UFM	LOG	8620	8620	LOG	
KUPARUK	LOG	8620	9135	LOG	
KINGAK	LOG	9135	10530	LOG	
SAG RV	LOG	10530	10605	LOG	
SHUBLYK	LOG	10605	10685	LOG	
SADLCRY	LOG	10685	11150	LOG	
IVSK SS	LOG	10685	11030	LOG	
KAVIK SH	LOG	11030	11150	LOG	
LISBURNE	LOG	11150	----		

PIRO

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 10N RGE: 1SE SEC: 3 SURF. PLACID ET AL STATE 3-10-13
 LAT: 070 14 58 LONG: 148 49 8 SURF. API NUMBER: 50-029-20067-00-00
 KR ELEV.: 72 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 11400

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	75	EST	
SG/CLV U	EST	75	7545	LOG	
SG/CLV S	EST	75	5925	LOG	
CLV GP H	LOG	5925	7545	LOG	
PEBL SHL	LOG	7545	7770	LOG	
PPLSH GP	LOG	7555	7760	LOG	
PPLS UFM	LOG	7770	7770	LOG	
KINGAK	LOG	7770	8910	LOG	
SAG RV	LOG	8910	8935	LOG	
SHUBLYK	LOG	8935	9015	LOG	
SADLCRY	LOG	9015	9900	LOG	
IVSK SS	LOG	9015	9645	LOG	
KAVIK SH	LOG	9645	9845	LOG	
ECHOOMA	LOG	9845	9900	LOG	
LISBURNE	LOG	9900	11370	LOG	
UP LIME	LOG	9900	10640	LOG	
DOLOMITE	LOG	10640	11060	LOG	
LO LMST	LOG	11060	11370	LOG	
ENDICOTT	LOG	11370	----		
ITKILYRK	LOG	11370	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 12E SEC: 23 SURF. KUPARUK STATE 1 24-11-12
 LAT: 070 17 25 LONG: 149 2 4 SURF. API NUMBER: 50-029-20068-00-00
 LAT: 070 17 31 LONG: 149 58 20 BTM. TOTAL MEASURED DEPTH: 13749
 KB ELEV.: 68 ROCK UNIT AT T.D.: FIRE CRK TRUE VERTICAL DEPTH: 9095

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	02/16/81
GPK/SFD	SUR	25	25	75	75	EST	
SG/CLV U	EST	75	75	7040	10015	LOG	
SG/CLV S	EST	75	75	5940	7600	LOG	
CLV GP M	LOG	7600	5940	7040	10015	LOG	
PRBL SHL	LOG	10015	7040	7220	10400	LOG	
PPLSM GR	LOG	10025	7045	7215	10350	LOG	
PPLS UFM	LOG	10400	7220	7220	10400	LOG	
KINGAK	LOG	10400	7220	8915	13430	LOG	
SAG RV	LOG	13430	8915	8940	13470	LOG	
SHURLIK	LOG	13470	8940	9020	13620	LOG	
SADLRCT	LOG	13620	9020	----	----		
IVSK SS	LOG	13620	9020	----	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 13N RGE: 12E SEC: 11 SURF. MILNE POINT 18-1
 LAT: 070 20 51 LONG: 149 20 51 SURF. API NUMBER: 50-029-20069-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 11074

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	15	75	EST	
SG/CLV U	EST	75	6730	LOG	
SG/CLV S	EST	75	4650	LOG	
CLV GP M	LOG	4650	6730	LOG	
PRBL SHL	LOG	6730	7000	LOG	
PPLSM GR	LOG	6730	6845	LOG	
PPLS UFM	LOG	7000	7000	LOG	
KUPARIK	LOG	7000	7435	LOG	
KINGAK	LOG	7435	7140	LOG	
SAG RV	LOG	9140	9220	LOG	
SHURLIK	LOG	9220	9380	LOG	
SADLRCT	LOG	9380	10035	LOG	
IVSK SS	LOG	9380	9860	LOG	
KAVIK SM	LOG	9860	10005	LOG	
ECHODKA	LOG	10005	10035	LOG	
LISBURN	LOG	10035	10465	LOG	
ENDICOTT	LOG	10465	10780	LOG	
BSM CPLX	LOG	10780	----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 15E SEC: 34 SURF. PRUDHOE BAY (DS A-1) 35-11-15
 LAT: 070 16 4 LONG: 148 16 49 SURF. API NUMBER: 50-029-20078-00-00
 LAT: 070 15 38 LONG: 148 15 37 RTM. TOTAL MEASURED DEPTH: 9790
 KR ELEV.: 64 ROCK UNIT AT T.D.: KAVIK SH TRUE VERTICAL DEPTH: 9039

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	08/25/81
GRK/SFD	SUR	40	40	75	75	EST	
SG/CLV U	EST	75	75	8380	9050	LOG	
SG/CLV S	EST	75	75	6915	7400	LOG	
CLV GP H	LOG	7400	6915	8380	9050	LOG	
PEBL SHL	LOG	9050	8380	8595	9295	LOG	
PPLS UFM	LOG	9295	8595	8595	9295	LOG	
SADLRCT	LOG	9295	8595	-----	-----		
IVSK SS	LOG	9295	8595	9000	9750	LOG	
KAVIK SH	LOG	9750	9000	-----	-----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 8 SURF. PUT RIVER (N-1) 8-11-13
 LAT: 070 19 7 LONG: 148 54 35 SURF. API NUMBER: 50-029-20079-00-00
 KR ELEV.: 62 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9340

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	6800	LOG	
SG/CLV S	EST	75	5480	LOG	
CLV GP H	LOG	5480	6800	LOG	
PEBL SHL	LOG	6800	7060	LOG	
PPLSH GR	LOG	6825	7055	LOG	
PPLS UFM	LOG	7060	7060	LOG	
KINGAK	LOG	7060	8610	LOG	
SAG RV	LOG	8610	8655	LOG	
SHUPLIK	LOG	8655	8720	LOG	
SADLRCT	LOG	8720	-----		
IVSK SS	LOG	8720	9255	LOG	
KAVIK SH	LOG	9255	-----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 2 SURF. PUT RIVER (F-1) 2-11-13
 LAT: 070 20 4 LONG: 148 46 4 SURF. API NUMBER: 50-029-20080-00-00
 KR ELEV.: 57 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9236

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	7160	LOG	
SG/CLV S	EST	75	6050	LOG	
CLV GP H	LOG	6050	7160	LOG	
PEBL SHL	LOG	7160	7380	LOG	
PPLSH GR	LOG	7160	7380	LOG	
PPLS UFM	LOG	7380	7380	LOG	
KINGAK	LOG	7380	8485	LOG	
SAG RV	LOG	8485	8530	LOG	
SHUPLIK	LOG	8530	8615	LOG	
SADLRCT	LOG	8615	-----		
IVSK SS	LOG	8615	9200	LOG	
KAVIK SH	LOG	9200	-----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 13N RGE: 11E SEC: 14 SURF. PLAGHM BEECHY POINT 1
 LAT: 070 20 45 LONG: 149 14 21 SURF. API NUMBER: 50-029-20082-00-00
 KB ELEV.: 32 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 11922

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
6PK/SFD	SUR	32	75	EST	
SG/CLV U	EST	75	7530	LOG	
SG/CLV S	EST	75	5515	LOG	
CLV GP H	LOG	5515	7530	LOG	
PEEL SPL	LOG	7530	7980	LOG	
PELSH GR	LOG	7530	7735	LOG	
PPLS UFM	LOG	7980	7980	LOG	
KUPARUK	LOG	7980	8520	LOG	
KINGAK	LOG	8520	10385	LOG	
SAG RV	LOG	10385	10465	LOG	
SHUPLIK	LOG	10465	10590	LOG	
SADLCT	LOG	10590	11205	LOG	
IVSK SS	LOG	10590	11090	LOG	
KAVIK SH	LOG	11080	11205	LOG	
LISBURNE	LOG	11205	11380	LOG	
ENDICOTT	LOG	11380	11545	LOG	
BSM CPLX	LOG	11545	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 11N RGE: 10E SEC: 2 SURF. WEST SAK RIVER 1
 LAT: 070 20 23 LONG: 149 32 15 SURF. API NUMBER: 50-029-20090-00-00
 KB ELEV.: 96 ROCK UNIT AT T.D.: ENDICOTT TOTAL DEPTH: 10290

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
6PK/SFD	SUR	25	50	EST	
SG/CLV U	EST	50	6105	LOG	
SG/CLV S	EST	50	4240	LOG	
CLV GP H	LOG	4240	6105	LOG	
PEEL SPL	LOG	6105	6510	LOG	
PELSH GR	LOG	6105	6295	LOG	
PPLS UFM	LOG	6510	6510	LOG	
KUPARUK	LOG	6510	6880	LOG	
KINGAK	LOG	6880	8675	LOG	
SAG RV	LOG	8675	8720	LOG	
SHUPLIK	LOG	8720	8885	LOG	
SADLCT	LOG	8885	9690	LOG	
FIRE CRK	LOG	8885	8925	LOG	
IVSK SS	LOG	8925	9505	LOG	
KAVIK SH	LOG	9505	9655	LOG	
ECHOOKA	LOG	9655	9690	LOG	
LISBURNE	LOG	9690	10195	LOG	
UP LIME	LOG	9690	9770	LOG	
OOLOMITE	LOG	9770	9930	LOG	
LO LAST	LOG	9930	10195	LOG	
ENDICOTT	LOG	10195	----		
ITKILAPK	LOG	10195	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 13E SEC: 21 SURF. PUT RIVER (H-2) 21-11-13
 LAT: 070 17 51 LONG: 148 50 23 SURF. API NUMBER: 50-029-20100-00-00
 KB ELEV.: 64 ROCK UNIT AT T.D.: KAVIK SH TOTAL DEPTH: 9336

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFC	SUR	24	75	EST	
SG/CLV U	EST	75	7000	LOG	
SG/CLV S	EST	75	5730	LOG	
CLV GP H	LOG	5730	7000	LOG	
PEBL SHL	LOG	7000	7280	LOG	
PELSH GR	LOG	7005	7280	LOG	
PELS UFM	LOG	7280	7280	LOG	
KINGAK	LOG	7280	8555	LOG	
SAG RV	LOG	8555	8590	LOG	
S-UPLIK	LOG	8590	8670	LOG	
SADLRCT	LOG	8670	----		
IVSK SS	LOG	8670	9315	LOG	
KAVIK SH	LOG	9315	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 11N RGE: 13E SEC: 35 SURF. PUT RIVER (A-1) 35-11-13
 LAT: 070 15 54 LONG: 148 45 2 SURF. API NUMBER: 50-029-20108-00-00
 LAT: 070 15 38 LONG: 148 15 57 PTM. TOTAL MEASURED DEPTH: 9270
 KB ELEV.: 45 ROCK UNIT AT T.D.: IVSK SS TRUE VERTICAL DEPTH: 9267

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	09/02/81
GRK/SFC	SUR	26	75	EST	
SG/CLV U	EST	75	7560	LOG	
SG/CLV S	EST	75	5985	LOG	
CLV GP H	LOG	5985	7560	LOG	
PEBL SHL	LOG	7560	7775	LOG	
PELSH GR	LOG	7565	7760	LOG	
PELS UFM	LOG	7775	7775	LOG	
KINGAK	LOG	7775	8715	LOG	
SAG RV	LOG	8715	8740	LOG	
S-UPLIK	LOG	8740	8820	LOG	
SADLRCT	LOG	8820	----		
IVSK SS	LOG	8820	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 9N RGE: 15E SEC: 3 SURF. WEST CHANNEL : 1-3
 LAT: 070 9 42 LONG: 148 18 59 SURF. API NUMBER: 50-029-20114-00-00
 KB ELEV.: 67 ROCK UNIT AT T.O.: SADLCT TOTAL DEPTH: 9880

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	17	100	EST	
SG/CLV U	EST	100	8625	LOG	
SG/CLV S	EST	100	6835	LOG	
CLV GP H	LOG	6835	8625	LOG	
PPRL SHL	LOG	8625	8855	LOG	
PLSL GP	LOG	8625	8820	LOG	
PLSL UFM	LOG	8855	8855	LOG	
KINGAK	LOG	8855	9165	LOG	
SAG RV	LOG	9165	9195	LOG	
SHUALIK	LOG	9195	9250	LOG	
SADLCT	LOG	9250	---		
IVSK SS	LOG	9250	9260	LOG	
KAVIK SH	LOG	9860	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 124 RGE: 11E SEC: 28 SURF. NORTHWEST EILEEN 2
 LAT: 070 21 53 LONG: 149 21 33 SURF. API NUMBER: 50-029-20117-00-00
 KB ELEV.: 43 ROCK UNIT AT T.O.: SG/CLV U TOTAL DEPTH: 3035

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	30	75	EST	
SG/CLV U	EST	75	---		
SG/CLV S	EST	75	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 9N RGE: 14E SEC: 20 SURF. NORTH FRANKLIN BLUFS 1
 LAT: 070 2 10 LONG: 148 41 4 SURF. API NUMBER: 50-029-20122-00-00
 KB ELEV.: 155 ROCK UNIT AT T.O.: CLV GP S TOTAL DEPTH: 3500

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	25	75	EST	
SG/CLV U	EST	75	---		
SG/CLV S	EST	75	---		

PIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 11N RGE: 15E SEC: 9 SURF. EAST BAY STATE 1
 LAT: 070 18 32 LONG: 148 18 59 SURF. API NUMBER: 50-029-20133-00-00
 LAT: 070 19 18 LONG: 148 20 37 BTM. TOTAL MEASURED DEPTH: 12230
 ME ELEV.: 51 ROCK UNIT AT T.O.: ENDICOTT TRUE VERTICAL DEPTH: 10613

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GRW/SFD	SUR	33	33	75	75	EST	
SG/CLV U	EST	75	75	8100	9200	LOG	
SG/CLV S	EST	75	75	6820	7620	LOG	
CLV GP H	LOG	7620	6820	8100	9200	LOG	
PBBL SHL	LOG	9200	8100	8290	9435	LOG	
PPLSH GR	LOG	9205	8105	8290	9435	LOG	
PPLS UFM	LOG	9435	8290	8290	9435	LOG	
SACLRCT	LOG	9435	8290	8745	9985	LOG	
IVSK SS	LOG	9435	8290	8610	9820	LOG	
KAVIK SH	LOG	9820	8610	8745	9985	LOG	
LISBURN	LOG	9985	8745	10500	12100	LOG	
ENDICOTT	LOG	12100	10500	-----	-----		
ITKILYRK	LOG	12100	10500	-----	-----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 11N RGE: 17E SEC: 19 SURF. FOGGY ISL BAY ST UN 1
 LAT: 070 17 16 LONG: 147 54 15 SURF. API NUMBER: 50-029-20146-00-00
 ME ELEV.: 42 ROCK UNIT AT T.O.: ENDICOTT TOTAL DEPTH: 11202

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRW/SFD	SUR	26	75	EST	
SG/CLV U	EST	75	9440	LOG	
SG/CLV S	EST	75	7405	LOG	
CLV GP H	LOG	7405	9440	LOG	
PBBL SHL	LOG	9440	9710	LOG	
PPLS UFM	LOG	9710	9710	LOG	
LISBURN	LOG	9710	10900	LOG	
UF LIME	LOG	9710	9960	LOG	
OCLOMITE	LOG	9960	10430	LOG	
LG LMST	LOG	10430	10900	LOG	
ENDICOTT	LOG	10900	-----		
ITKILYRK	LOG	10900	-----		

FIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N PGE: 13E SEC: 8 SURF. GWYDRA BAY SOUTH 1
 LAT: 070 24 E LONG: 148 53 53 SURF. API NUMBER: 50-029-20149-00-00
 KB ELEV.: 26 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 12237

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/25/81
GRK/SFD	SUR	21	75	EST	
SG/CLV U	EST	75	7655	LOG	
SG/CLV S	EST	75	6050	LOG	
CLV GP H	LOG	6050	7655	LOG	
PEEL SHL	LOG	7366	7965	LOG	
PELSH GR	LOG	7655	7870	LOG	
PELS UFM	LOG	7965	7965	LOG	
KUPARUK	LOG	7965	8330	LOG	
KINGAK	LOG	8330	9995	LOG	
SAR RV	LOG	9995	10030	LOG	
SHUBLIK	LOG	10030	10075	LOG	
SADLCT	LOG	10075	10625	LOG	
IVSK SS	LOG	10075	10520	LOG	
KLVK SH	LOG	10520	10625	LOG	
LISBURNE	LOG	10625	11560	LOG	
UP LINE	LOG	10625	10880	LOG	
OGLOWITE	LOG	10880	11260	LOG	
LO LMST	LOG	11260	11560	LOG	
EMICOTT	LOG	11560	12200	LOG	
ITKILYRK	LOG	11560	11740	LOG	
KKIKTUK	LOG	11740	12200	LOG	
SSV CPLY	LOG	12200	----		
ARGILLIT	LOG	12200	----		

EIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 12N PGE: 15E SEC: 21 SURF. GULL ISLAND STATE 1
 LAT: 070 21 57 LONG: 148 21 51 SURF. API NUMBER: 50-029-20151-00-00
 LAT: 070 22 24 LONG: 148 20 29 BTM. TOTAL MEASURED DEPTH: 14400
 KB ELEV.: 28 ROCK UNIT AT T.O.: LISBURNE TRUE VERTICAL DEPTH: 11691

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GRK/SFD	SUR	22	22	75	75	EST	
SG/CLV U	EST	75	75	8845	10605	LOG	
SG/CLV S	EST	75	75	7115	8230	LOG	
CLV GP H	LOG	8230	7115	8845	10605	LOG	
PEBL SHL	LOG	10605	8845	9030	10850	LOG	
PELSH GR	LOG	10650	8875	9010	10825	LOG	
PELS UFM	LOG	10850	9030	9030	10850	LOG	
KUPAPUK	LOG	10850	9030	9400	11340	LOG	
KINGAK	LOG	11340	9400	10125	12330	LOG	
SAR RV	LOG	12330	10125	10210	12450	LOG	
SHUBLIK	LOG	12450	10210	10275	12540	LOG	
SADLCT	LOG	12540	10275	10725	13175	LOG	
IVSK SS	LOG	12540	10275	10610	13015	LOG	
KLVK SH	LOG	13015	10610	10725	13175	LOG	
LISBURNE	LOG	13175	10725	----	-----		

BIFD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 12N RGE: 15E SEC: 26 SURF.
 LAT: 070 21 46 LONG: 148 14 43 SURF.
 LAT: 070 22 09 LONG: 148 14 29 BTM.
 KB FLEV.: 32 ROCK UNIT AT T.D.: LISBURNE

NIAXUK 1-A
 API NUMBER: 50-029-20156-01-01
 TOTAL MEASURED DEPTH: 11759
 TRUE VERTICAL DEPTH: 11391

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GEV/SFD	SUR	25	25	75	75	EST	
SG/CLV U	EST	75	75	8950	9280	LOG	
SG/CLV S	EST	75	75	7060	7330	LOG	
CLV GP H	LOG	7330	7060	8950	9280	LOG	
PEEL SUL	LOG	9280	8950	9190	9520	LOG	
PELSH GR	LOG	9280	8950	9190	9520	LOG	
PELS UFM	LOG	9520	9190	9190	9520	LOG	
KUPARUK	LOG	9520	9190	9770	10100	LOG	
KINGAK	LOG	10100	9770	10420	10760	LOG	
SAG RV	LOG	10760	10420	10510	10850	LOG	
SHURLIN	LOG	10850	10510	10580	10920	LOG	
SIDLOCT	LOG	10920	10580	10900	11255	LOG	
IVSK SS	LOG	10920	10580	10860	11210	LOG	
KAVIK SH	LOG	11210	10860	10900	11255	LOG	
LISBURNE	LOG	11255	10900	-----	-----		

BIFD

NORTH SLOPE ROCK UNIT REPORT

07/01/81

TWP: 11N RGE: 15E SEC: 4 SURF.
 LAT: 070 20 24 LONG: 148 15 SURF.
 LAT: 070 21 02 LONG: 148 06 22 BTM.
 KB FLEV.: 32 ROCK UNIT AT T.D.: ENDICOTT

SAG DELTA 33-12-16
 API NUMBER: 50-029-20176-00-00
 TOTAL MEASURED DEPTH: 10216
 TRUE VERTICAL DEPTH: 9939

ROCK UNIT	TYPE	M/TOP	TV/TOP	TV/BTM	M/BTM	TYPE	03/15/81
GEV/SFD	SUR	25	25	75	75	EST	
SG/CLV U	EST	75	75	8775	9020	LOG	
SG/CLV S	EST	75	75	7175	7345	LOG	
CLV GP H	LOG	7345	7175	8775	9020	LOG	
PEEL SUL	LOG	9020	8775	9020	9275	LOG	
PELSH GR	LOG	9020	8775	9020	9275	LOG	
PELS UFM	LOG	9275	9020	9020	9275	LOG	
LISBURNE	LOG	9275	9020	9855	10130	LOG	
UP LIME	LOG	9275	9020	9180	9440	LOG	
DOLomite	LOG	9440	9180	9550	9820	LOG	
LO LMST	LOG	9820	9550	9855	10130	LOG	
ENDICOTT	LOG	10130	9855	-----	-----		
ITMILYRK	LOG	10130	9855	-----	-----		

EJPC

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 11N RGE: 11E SEC: 24 SURF. HIGHLAND STATE 1
 LAT: 070 17 30 LONG: 149 13 5 SURF. API NUMBER: 50-029-20199-00-00
 ME ELEV.: 89 ROCK UNIT AT T.O.: SADRCT TOTAL DEPTH: 9450

ROCK UNIT	TYPE	TOP	POTOM	TYPE	03/15/81
GPK/SFD	SUR	22	75	EST	
SG/CLV U	EST	75	6580	LOG	
SG/CLV S	EST	75	4880	LOG	
CLV GP H	LOG	4880	6580	LOG	
PERL SHL	LOG	6580	4815	LOG	
PPLSH GR	LOG	6580	6805	LOG	
PPLS UFM	LOG	6815	6815	LOG	
KINGAK	LOG	6815	8565	LOG	
SAP PV	LOG	8565	8605	LOG	
SHUPLIK	LOG	8615	8720	LOG	
SADRCT	LOG	8720	----		
FIRE CRK	LOG	8720	8740	LOG	
IVSK SS	LOG	8740	9365	LOG	
KIVIK SH	LOG	9365	----		

EJPC

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 12N RGE: 14E SEC: 27 SURF. ABEL STATE 1
 LAT: 070 21 42 LONG: 149 33 45 SURF. API NUMBER: 50-029-20200-00-00
 ME ELEV.: 39 ROCK UNIT AT T.O.: SADRCT TOTAL DEPTH: 9642

ROCK UNIT	TYPE	TOP	EOTTOM	TYPE	03/15/81
GPK/SFD	SUR	24	75	EST	
SG/CLV U	EST	75	8040	LOG	
SG/CLV S	EST	75	6710	LOG	
CLV GP H	LOG	6710	8040	LOG	
PERL SHL	LOG	8040	8550	LOG	
PPLSH GR	LOG	8040	8205	LOG	
PPLS UFM	LOG	8550	6550	LOG	
KINGAK	LOG	8550	9195	LOG	
SAP PV	LOG	9195	9265	LOG	
SHUPLIK	LOG	9265	9310	LOG	
SADRCT	LOG	9310	----		
IVSK SS	LOG	9310	9595	LOG	
KIVIK SH	LOG	9595	----		

EJPC

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 4S RGE: 1E SEC: 32 SURF. GRANDSTAND 1
 LAT: 088 57 57 LONG: 151 55 1 SURF. API NUMBER: 50-057-10001-00-00
 ME ELEV.: 560 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 3939

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	15	110	SPL	
NANUSHUK	SRL	110	1070	LOG	
TOROK	LOG	1070	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 9N RGE: 23E SEC: 18 SURF. WEST STAINES 1 18-9-23
 LAT: 070 8 15 LONG: 146 23 17 SURF. API NUMBER: 50-089-20001-00-00
 KB ELEV.: 63 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 13329

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	16	100	EST	
SG/CLV U	EST	100	12840	LOG	
SG/CLV S	EST	100	8680	LOG	
CLV GP H	LOG	8680	12840	LOG	
PPBL SHL	LOG	12840	13120	LOG	
PPLS UFM	LOG	13120	13120	LOG	
ARGILLIT	LOG	13120	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 9N RGE: 21E SEC: 7 SURF. EAST WIKKELSEN BAY 1
 LAT: 070 9 6 LONG: 146 54 11 SURF. API NUMBER: 50-089-20002-00-00
 KB ELEV.: 38 ROCK UNIT AT T.O.: BSM CPLX TOTAL DEPTH: 15205

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	28	100	EST	
SG/CLV U	EST	100	12070	LOG	
SG/CLV S	EST	100	9640	LOG	
CLV GP H	LOG	8640	12070	LOG	
PPBL SPL	LOG	12070	12340	LOG	
PPLSH GR	LOG	12075	12250	LOG	
PPELSH S	LOG	12270	12340	LOG	
PPLS UFM	LOG	12340	12340	LOG	
ENDICOTT	LOG	12340	13550	LOG	
KAYAK SH	LOG	12350	13130	LOG	
MEKINTUK	LOG	13130	13550	LOG	
BSM CPLX	LOG	13550	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 10N RGE: 24E SEC: 27 SURF. ALASKA STATE A1
 LAT: 070 11 21 LONG: 146 00 42 SURF. API NUMBER: 50-089-20003-00-00
 KB ELEV.: 41 ROCK UNIT AT T.O.: BSM CPLX TOTAL DEPTH: 14206

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	31	100	EST	
SG/CLV U	EST	100	12920	LOG	
SG/CLV S	EST	100	7710	LOG	
CLV GP H	LOG	7710	12920	LOG	
BSM CPLX	LOG	12920	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 09N RGE: 22E SEC: 25 SURF. WEST STAINES STATE 2
 LAT: 070 6 40 LONG: 146 24 56 SURF. API NUMBER: 50-089-20004-00-00
 ME ELEV.: 95 ROCK UNIT AT T.O.: BSM CPLX TOTAL DEPTH: 13171

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	20	100	EST	
SG/CLV U	EST	100	12910	LOG	
SG/CLV S	EST	100	8590	LOG	
CLV GP H	LOG	8590	12910	LOG	0
PEBL SPL	LOG	12910	13155	LOG	
PPLSH GR	LOG	12910	13075	LOG	
PPLS UFM	LOG	13155	13155	LOG	
BSM CPLX	LOG	13155	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 1E SEC: 15 SURF. FISH CREEK 1
 LAT: 070 18 33 LONG: 151 52 14 SURF. API NUMBER: 50-103-10001-00-00
 ME ELEV.: 32 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 7020

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	15	65	SPL	
COLVILLE	SPL	65	2890	LOG	
CLV GP S	SPL	65	1900	LOG	
CLV GP H	LOG	1900	2890	LOG	
MANUSHUK	LOG	2890	4110	LOG	
TOPOK	LOG	4110	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 7E SEC: 25 SURF. COLVILLE 1
 LAT: 070 21 38 LONG: 150 15 55 SURF. API NUMBER: 50-103-10002-00-00
 ME ELEV.: 50 ROCK UNIT AT T.O.:BSM CPLX TOTAL DEPTH: 19930

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	17	60	EST	
SG/CLV U	EST	60	4095	LOG	
SG/CLV S	EST	60	2380	LOG	
CLV CP H	LOG	2380	4095	LOG	
TOROK	LOG	4095	5565	LOG	
PFBL SHL	LOG	5565	5910	LOG	
PFBL SH GR	LOG	5565	5715	LOG	
BPBL SH S	LOG	5910	5910	LOG	
PPLS UFM	LOG	5910	5910	LOG	
KINGAK	LOG	5910	7690	LOG	
SAG RV	LOG	7690	7755	LOG	
SHUBLIX	LOG	7755	7995	LOG	
SADLRCT	LOG	7995	8930	LOG	
FIPE CRK	LOG	7995	8080	LOG	
IYK SS	LOG	8080	8655	LOG	
KAVIK SH	LOG	8655	8835	LOG	
ECHODKA	LOG	8835	8930	LOG	
LISFURNE	LOG	8930	9380	LOG	
UP LIME	LOG	8930	9030	LOG	
DOLOMITE	LOG	9030	9220	LOG	
LO LMST	LOG	9220	9380	LOG	
ENDICOTT	LOG	9380	9720	LOG	
ITKILYRK	LOG	9380	9650	LOG	
MEKINTUK	LOG	9650	9720	LOG	
BSM CPLX	LOG	9720	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 7E SEC: 19 SURF. KOOKPUK 1
 LAT: 070 17 33 LONG: 150 28 30 SURF. API NUMBER: 50-103-10003-00-00
 ME ELEV.: 41 ROCK UNIT AT T.O.:BSM CPLX TOTAL DEPTH: 10193

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	18	100	EST	
SG/CLV U	EST	100	3985	LOG	
SG/CLV S	EST	100	1930	LOG	
CLV CP H	EST	1930	3985	LOG	
TOROK	LOG	3985	5855	LOG	
PFBL SHL	LOG	5855	6165	LOG	
PFBL SH GR	LOG	5870	6015	LOG	
PPLS UFM	LOG	6165	6165	LOG	
KINGAK	LOG	6165	7975	LOG	
SAG RV	LOG	7975	8020	LOG	
SHUBLIX	LOG	8020	8275	LOG	
SADLRCT	LOG	8275	9290	LOG	
FIPE CRK	LOG	8275	8350	LOG	
IYK SS	LOG	8350	8955	LOG	
KAVIK SH	LOG	8955	9185	LOG	
ECHODKA	LOG	9185	9290	LOG	
LISFURNE	LOG	9290	9660	LOG	
UP LIME	LOG	9290	9330	LOG	
DOLOMITE	LOG	9330	9550	LOG	
LO LMST	LOG	9550	9660	LOG	
ENDICOTT	LOG	9660	9940	LOG	
ITKILYRK	LOG	9660	9940	LOG	
BSM CPLX	LOG	9940	----		

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NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: RE SEC: 10 SURF. KALUBIK CREEK: 1
 LAT: 070 24 17 LONG: 150 4 13 SURF. API NUMBER: 50-103-20001-00-00
 KB ELEV.: 60 ROCK UNIT AT T.O.: RSM CPLX TOTAL DEPTH: 00107

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	19	100	EST	
SG/CLV U	EST	100	4310	LOG	
SG/CLV S	EST	100	2315	LOG	
CLV GP H	LOG	2315	4310	LOG	
TOROK	LOG	4310	5520	LOG	
PEBL SHL	LOG	5520	5800	LOG	
PFLSH GR	LOG	5520	5670	LOG	
PFLS UFM	LOG	5800	5800	LOG	
KUPAPIK	LOG	5800	5900	LOG	
KINGAK	LOG	5900	7695	LOG	
SAG RV	LOG	7695	7780	LOG	
SHURLIK	LOG	7780	8010	LOG	
SADLRCT	LOG	8010	8935	LOG	
FIRE CRK	LOG	8010	8100	LOG	
IVSK SS	LOG	8100	8690	LOG	
KAVIK SH	LOG	8690	8850	LOG	
ECHOOKA	LOG	8850	8935	LOG	
LISBURN	LOG	8935	9380	LOG	
UP LIME	LOG	8935	9045	LOG	
DOLOMITE	LOG	9045	9230	LOG	
LO LIME	LOG	9230	9380	LOG	
ENDICOTT	LOG	9380	9845	LOG	
ITKILYRK	LOG	9380	9680	LOG	
KIKINTUK	LOG	9680	9845	LOG	
RSM CPLX	LOG	9845	----		

FIFD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 13N RGE: 6E SEC: 9 SURF. COLVILLE DELTA 1
 LAT: 070 24 40 LONG: 150 35 12 SURF. API NUMBER: 50-103-20002-00-00
 KB ELEV.: 22 ROCK UNIT AT T.O.: LISBURN TOTAL DEPTH: 9299

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	19	40	EST	
SG/CLV U	EST	40	4010	LOG	
SG/CLV S	EST	40	2260	LOG	
CLV GP H	LOG	2260	4010	LOG	
MANUSHUK	LOG	4010	4160	LOG	
TOROK	LOG	4160	5990	LOG	
PEBL SHL	LOG	5990	6290	LOG	
PFLSH GP	LOG	5990	6160	LOG	
PFLS UFM	LOG	6290	6290	LOG	
KINGAK	LOG	6290	7575	LOG	
SAG RV	LOG	7575	7700	LOG	
SHURLIK	LOG	7700	7940	LOG	
SADLRCT	LOG	7940	8805	LOG	
FIRE CRK	LOG	7940	7980	LOG	
IVSK SS	LOG	7980	8615	LOG	
KAVIK SH	LOG	8615	8745	LOG	
ECHOOKA	LOG	8745	8805	LOG	
LISBURN	LOG	8805	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 2N RGE: 2E SEC: 10 SURF. ITKILLIK RIVER UNIT 2
 LAT: 070 2 26 LONG: 150 51 11 SURF. API NUMBER: 50-103-20003-00-00
 KB ELEV.: 63 ROCK UNIT AT T.O.: BSM CPLX TOTAL DEPTH: 15321

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	25	140	SPL	
SG/CLV U	SPL	140	4310	LOG	
SG/CLV S	SPL	140	2000	SPL	
CLV GP H	SPL	2000	4310	LOG	
NANUSHUK	LOG	4310	4940	LOG	
TOROK	LOG	4940	7570	LOG	
PBEL SHL	LOG	7570	7900	LOG	
PPLSH GP	LOG	7975	7760	LOG	
BPPLSH S	LOG	7890	7400	LOG	
PPLS UFM	LOG	7900	7900	LOG	
KINGAK	LOG	7900	10040	LOG	
SIG RV	LOG	10040	10085	LOG	
SHUPLIK	LOG	10085	10270	LOG	
SADLRCT	LOG	10270	11515	LOG	
PIPE CRK	LOG	10270	10365	LOG	
IVSK SS	LOG	10365	11070	LOG	
KAVIK SH	LOG	11070	11360	LOG	
ECBOOKA	LOG	11360	11515	LOG	
LYSEURNE	LOG	11515	14010	LOG	
ENDICOTT	LOG	14010	14950	LOG	
BSM CPLX	LOG	14950	-----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 2W SEC: 8 SURF. CAPE HALKETT 1
 LAT: 070 46 2 LONG: 152 27 59 SURF. API NUMBER: 50-103-20004-00-00
 KB ELEV.: 40 ROCK UNIT AT T.O.: BSM CPLX TOTAL DEPTH: 9900

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPK/SFD	SUR	23	100	EST	
SG/CLV U	EST	100	3115	LOG	
SG/CLV S	EST	100	2220	LOG	
CLV GP H	LOG	2220	3115	LOG	
NANUSHUK	LOG	3115	4235	LOG	
TOROK	LOG	4235	7280	LOG	
PBEL SHL	LOG	7280	7555	LOG	
PPLSH GP	LOG	7280	7450	LOG	
BPPLSH S	LOG	7520	7555	LOG	
PPLS UFM	LOG	7555	7555	LOG	
KINGAK	LOG	7555	7730	LOG	
SIG RV	LOG	7730	7855	LOG	
SHUPLIK	LOG	7855	8130	LOG	
SADLRCT	LOG	8130	8770	LOG	
PIPE CRK	LOG	8130	8140	LOG	
IVSK SS	LOG	8160	8705	LOG	
KAVIK SH	LOG	8705	8770	LOG	
LYSEURNE	LOG	8770	9305	LOG	
BSM CPLX	LOG	9305	-----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 4W SEC: 16 SURF. EAST YESMEKPUK 1
 LAT: 070 34 11 LONG: 152 56 36 SURF. API NUMBER: 90-100-20006-00-00
 ME ELEV.: 28 ROCK UNIT AT T.O.:BSM CPLX TOTAL DEPTH: 10664

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
BRK/SFD	SUR	22	100	EST	
SG/CLV S	EST	100	1000	EST	
COLVILLE	EST	100	1585	LOG	
CLV GP H	EST	1000	1585	LOG	
NANUSHUK	LOG	1585	3100	LOG	
TOPOK	LOG	3100	6850	LOG	
PRRL SPL	LOG	6850	7125	LOG	
PELSH GR	LOG	6850	7025	LOG	
PRRLSH S	LOG	7110	7125	LOG	
PELS UFM	LOG	7125	7125	LOG	
KINGAK	LOG	7125	8505	LOG	
SAG RV	LOG	8505	8640	LOG	
SHUPLIK	LOG	8640	8855	LOG	
SADLRCT	LOG	8855	9650	LOG	
FIPE CRK	LOG	8855	9000	LOG	
IVSK SS	LOG	9000	9445	LOG	
KAVIK SH	LOG	9445	9615	LOG	
ECHOOKA	LOG	9615	9650	LOG	
LISBURN	LOG	9650	10625	LOG	
BSM CPLX	LOG	10625	----		

PIFC

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 12N RGE: 2E SEC: 6 SURF. SOUTH HARRISON BAY 1
 LAT: 070 25 29 LONG: 151 43 52 SURF. API NUMBER: 90-103-20007-00-00
 ME ELEV.: 45 ROCK UNIT AT T.O.:LISBURN TOTAL DEPTH: 11290

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
BRK/SFD	SUR	20	100	EST	
SG/CLV U	EST	100	3220	LOG	
SG/CLV S	EST	100	2060	LOG	
CLV GP H	LOG	2060	3220	LOG	
NANUSHUK	LOG	3220	4220	LOG	
TOPOK	LOG	4220	7290	LOG	
PELS UFM	LOG	7290	7290	LOG	
KINGAK	LOG	7290	8845	LOG	
SAG RV	LOG	8845	8955	LOG	
SHUPLIK	LOG	8955	9240	LOG	
SADLRCT	LOG	9240	10235	LOG	
FIPE CRK	LOG	9240	9360	LOG	
IVSK SS	LOG	9360	9935	LOG	
KAVIK SH	LOG	9935	10140	LOG	
ECHOOKA	LOG	10140	10235	LOG	
LISBURN	LOG	10235	----		
UP LIME	LOG	10235	----		

KIPG

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 2E SEC: 19 SURF. ATIGARU POINT 1
 LAT: 67° 33' 22" LONG: 151° 43' 1" SURF. API NUMBER: 50-103-20008-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: APGILLIT TOTAL DEPTH: 11535

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	20	100	EST	
SG/CLV U	EST	100	3470	LOG	
SG/CLV S	EST	100	2420	LOG	
CLV GP M	LOG	2420	3470	LOG	
NANUSHUK	LOG	3470	4400	LOG	
TOROK	LOG	4400	7280	LOG	
PSPL SHL	LOG	7280	7320	LOG	
PSPLS S	LOG	7315	7320	LOG	
PSPLS UFM	LOG	7320	7320	LOG	
KINGAK	LOG	7320	8190	LOG	
SAG RV	LOG	8190	8345	LOG	
SHURLIK	LOG	8345	8600	LOG	
SADLRO	LOG	8600	9510	LOG	
FIRE CRK	LOG	8600	8705	LOG	
IVSK SS	LOG	8705	9245	LOG	
KAVIK SH	LOG	9245	9410	LOG	
ECHOONA	LOG	9410	9510	LOG	
LISBURN	LOG	9510	10820	LOG	
UP TIME	LOG	9510	10620	LOG	
DOLOMITE	LOG	10620	10820	LOG	
ENDICOTT	LOG	10820	11210	LOG	
KAYAK SH	LOG	10820	11210	LOG	
APGILLIT	LOG	11210	----		

KIPG

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 11N RGE: 1W SEC: 11 SURF. WEST FISH CREEK 1
 LAT: 67° 10' 35" LONG: 152° 3' 34" SURF. API NUMBER: 50-103-20009-00-00
 KB ELEV.: 113 ROCK UNIT AT T.D.: KAYAK SH TOTAL DEPTH: 11427

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	21	100	EST	
COLVILLE	EST	100	2550	EST	
CLV GP S	EST	100	1500	LOG	
CLV GP M	LOG	1500	2550	EST	
NANUSHUK	EST	2550	3915	LOG	
TOROK	LOG	3915	7280	LOG	
PSPL SHL	LOG	7280	7320	LOG	
PSPLS UFM	LOG	7320	7320	LOG	
KINGAK	LOG	7320	9175	LOG	
SAG RV	LOG	9175	9285	LOG	
SHURLIK	LOG	9285	9515	LOG	
SADLRO	LOG	9515	10500	LOG	
FIRE CRK	LOG	9515	9620	LOG	
IVSK SS	LOG	9620	10175	LOG	
KAVIK SH	LOG	10175	10445	LOG	
ECHOONA	LOG	10445	10500	LOG	
LISBURN	LOG	10500	11315	LOG	
UP TIME	LOG	10500	11230	LOG	
DOLOMITE	LOG	11230	11315	LOG	
ENDICOTT	LOG	11315	----		
KAYAK SH	LOG	11315	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 17N RGE: 2W SEC: 13 SURF. W T FORAN 1
 LAT: 070 49 56 LONG: 152 18 11 SURF. API NUMBER: 50-103-20010-00-00
 KR ELEV.: 39 ROCK UNIT AT T.O.:BSM CPLX TOTAL DEPTH: 8864

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	26	100	EST	
SG/CLV U	EST	100	3480	LOG	
SG/CLV S	EST	100	2600	LOG	
CLV GP H	LOG	2600	3480	LOG	
NANUSHUK	LOG	3480	4380	LOG	
TOPOK	LOG	4380	7340	LOG	
PEEL SHL	LOG	7340	7545	LOG	
PPLSH GR	LOG	7340	7450	LOG	
PPELSH S	LOG	7510	7545	LOG	
PPLS UFM	LOG	7545	7545	LOG	
SHUPLTK	LOG	7545	7640	LOG	
SACLPCT	LOG	7640	8195	LOG	
FTPE CRK	LOG	7640	7735	LOG	
IVSM SS	LOG	7740	8135	LOG	
KAVIK SH	LOG	8135	8195	LOG	
LISEURNE	LOG	8195	8565	LOG	
BSM CPLX	LOG	8565	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 13N RGE: 2W SEC: 3 SURF. NORTH KALIKPIK 1
 LAT: 070 10 33 LONG: 152 22 4 SURF. API NUMBER: 50-103-20011-00-00
 KR ELEV.: 40 ROCK UNIT AT T.O.:KINGAK TOTAL DEPTH: 7395

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	21	100	EST	
COLVILLE	EST	100	2395	LOG	
CLV GP S	EST	100	1700	LOG	
CLV GP H	LOG	1700	2395	LOG	
NANUSHUK	LOG	2395	3470	LOG	
TOPOK	LOG	3470	6895	LOG	
PEEL SHL	LOG	6895	7150	LOG	
PPLSH GR	LOG	6895	7025	LOG	
PPLS UFM	LOG	7150	7150	LOG	
KINGAK	LOG	7150	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 11N RGE: 4W SEC: 36 SURF. NORTH INIGOK 1
 LAT: 670 15 26 LONG: 152 45 57 SURF. API NUMBER: 50-103-20017-00-00
 KB ELEV.: 166 ROCK UNIT AT T.D.: SHUOLIK TOTAL DEPTH: 10170

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	30	100	EST	
COLVILLE	EST	100	1920	LOG	
CLV GP S	EST	100	885	LOG	
CLV GP M	LOG	885	1920	LOG	
NANUSHUK	LOG	1920	3265	LOG	
TOROK	LOG	3265	7385	LOG	
POBL SHL	LOG	7385	7650	LOG	
POBL GR	LOG	7385	7505	LOG	
POBL UFM	LOG	7650	7650	LOG	
KINGAK	LOG	7650	10050	LOG	
SIG RV	LOG	10050	10090	LOG	
SHUOLIK	LOG	10090	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 6N RGE: 15W SEC: 5 SURF. IKPIKPUK (CORE TST) 1
 LAT: 669 49 36 LONG: 155 41 57 SURF. API NUMBER: 50-119-10001-00-00
 KB ELEV.: 180 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 178

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPK/SFD	SUR	10	39	EST	
NANUSHUK	EST	39	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 6N RGE: 15W SEC: 32 SURF. OUMALIK (CORE TST) 1
 LAT: 669 49 45 LONG: 155 41 30 SURF. API NUMBER: 50-119-10002-00-00
 KB ELEV.: 255 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 392

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	10	30	EST	
NANUSHUK	EST	30	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 6N RGE: 16W SEC: 20 SURF. OUMALIK (CORE TST) 11
 LAT: 669 50 17 LONG: 155 59 23 SURF. API NUMBER: 50-119-10003-00-00
 KB ELEV.: 182 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 303

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	14	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 6N RGE: 16W SEC: 30 SURF. OUMALIK (CORE TST) 12
 LAT: 66° 50' 17" LONG: 155° 59' 23" SURF. API NUMBER: 50-119-10004-00-00
 KB ELEV.: 182 ROCK UNIT AT T.D.: MANUSHUK TOTAL DEPTH: 300

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
MANUSHUK	SUR	17	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 6N RGE: 16W SEC: 30 SURF. OUMALIK 1
 LAT: 66° 50' 17" LONG: 155° 59' 23" SURF. API NUMBER: 50-119-10005-00-00
 KB ELEV.: 194 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 11872

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPV/SFD	SUR	18	30	EST	
MANUSHUK	EST	30	2770	LOG	
TOPOK	LOG	2770	10880	LOG	
PRBL SHL	LOG	10880	11160	LOG	
PRLS UFW	LOG	11160	11160	LOG	
KINGAK	LOG	11160	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 6N RGE: 15W SEC: 13 SURF. EAST OUMALIK 1
 LAT: 66° 47' 20" LONG: 155° 32' 30" SURF. API NUMBER: 50-119-10006-00-00
 KB ELEV.: 293 ROCK UNIT AT T.D.: TOPOK TOTAL DEPTH: 6035

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/20/81
GPV/SFD	SUR	16	50	SPL	
MANUSHUK	SPL	50	2950	LOG	
TOPOK	LOG	2950	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 2N RGE: 6W SEC: 2 SURF. SQUARE LAKE 1
 LAT: 66° 34' 00" LONG: 153° 18' 00" SURF. API NUMBER: 50-119-10007-00-00
 KB ELEV.: 340 ROCK UNIT AT T.D.: TOPOK TOTAL DEPTH: 3987

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPV/SFD	SUR	16	35	SPL	
COLVILLE	SPL	35	1630	LOG	
CLV GP S	SPL	35	700	SPL	
CLV GP H	LOG	700	1630	LOG	
MANUSHUK	LOG	1630	3940	LOG	
TOPOK	LOG	3940	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 15 RGE: 7W SEC: 2 SURF. WOLF CREEK 1
 LAT: 66° 23' 11" LONG: 153° 31' 14" SURF. API NUMBER: 50-119-10008-00-00
 ME ELEV.: 714 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1500

ROCK UNIT	TYPE	TOP	POTTON	TYPE	02/01/81
GRK/SFD	SUR	2	10	SPL	
NANUSHUK	SPL	10			

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 1A RGE: 7W SEC: 36 SURF. WOLF CREEK 2
 LAT: 66° 24' 14" LONG: 153° 31' 14" SURF. API NUMBER: 50-119-10009-00-00
 ME ELEV.: 443 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1618

ROCK UNIT	TYPE	TOP	POTTON	TYPE	06/01/81
GRK/SFD	SUR	6	45	SPL	
CHLVILLE	SPL	45	130	LOG	
CLV GR W	SPL	45	130	LOG	
NANUSHUK	LOG	130			

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 15 RGE: 7W SEC: 2 SURF. WOLF CREEK 3
 LAT: 66° 23' 11" LONG: 153° 31' 24" SURF. API NUMBER: 50-119-10010-00-00
 ME ELEV.: 750 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 3760

ROCK UNIT	TYPE	TOP	POTTON	TYPE	02/01/81
GRK/SFD	CUP	18	30	EST	
NANUSHUK	EST	30	3575	LOG	
TOROK	LOG	3575			

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 1N RGE: 11W SEC: 23 SURF. TITALUK 1
 LAT: 66° 25' 20" LONG: 154° 34' 4" SURF. API NUMBER: 50-119-10011-00-00
 ME ELEV.: 840 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 4020

ROCK UNIT	TYPE	TOP	POTTON	TYPE	02/01/81
GRK/SFD	SUR	18	40	EST	
NANUSHUK	EST	40	3500	LOG	
TOROK	LOG	3500			

BIRD NORTH SLOPE ROCK UNIT REPORT 02/16/81
 TWP: 35 RGE: 12W SEC: 36 SURF. KNIFEBLADE 1
 LAT: 069 9 3 LONG: 154 43 20 SURF. API NUMBER: 50-119-10012-00-00
 KB ELEV.: 999 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 1805

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
NANUSHUK	SUR	6	---		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 45 RGE: 12W SEC: 2 SURF. KNIFEBLADE 2
 LAT: 069 7 52 LONG: 154 42 19 SURF. API NUMBER: 50-119-10013-00-00
 KB ELEV.: 876 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 373

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	5	---		

PIPC NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 45 RGE: 12W SEC: 2 SURF. KNIFEBLADE 2A
 LAT: 069 7 52 LONG: 154 42 19 SURF. API NUMBER: 50-119-10014-00-00
 KB ELEV.: 874 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 1805

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPK/SFD	SUR	5	15	LOG	
NANUSHUK	LOG	15	---		

EIPD NORTH SLOPE ROCK UNIT REPORT 06/01/81
 TWP: 5N RGE: 11W SEC: 27 SURF. KOLUKTAK 1
 LAT: 069 45 0 LONG: 154 36 39 SURF. API NUMBER: 50-119-20001-00-00
 KB ELEV.: 205 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 5882

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	27	75	EST	
NANUSHUK	EST	75	4210	LOG	
TOROK	LOG	4210	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/15/81

TWP: 6S RGE: 14W SEC: 33 SURF. WEST KURUPA UNIT 1
 LAT: 062 52 59 LONG: 155 15 10 SURF. API NUMBER: 50-137-20001-00-00
 KB ELEV.: 1369 ROCK UNIT AT T.D.: LTK/FTM TOTAL DEPTH: 11060

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/15/81
GRK/SFD	SUR	18	50	EST	
NANUSHUK	EST	50	1960	LOG	
TOROK	LOG	1960	7000	LOG	
LTK/FTM	LOG	7000	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/15/81

TWP: 7S RGE: 6W SEC: 9 SURF. EAST KURUPA UNIT 1
 LAT: 062 50 24 LONG: 153 12 13 SURF. API NUMBER: 50-137-20002-00-00
 KB ELEV.: 1607 ROCK UNIT AT T.D.: LTK/FTM TOTAL DEPTH: 12695

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	27	50	EST	
NANUSHUK	EST	50	2200	LOG	
TOROK	LOG	2200	7040	LOG	
LTK/FTM	LOG	7040	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 7S RGE: 25W SEC: 30 SURF. AWUNA 1
 LAT: 062 49 11 LONG: 158 12 20 SURF. API NUMBER: 50-155-20001-00-00
 KB ELEV.: 1129 ROCK UNIT AT T.D.: LTK/FTM TOTAL DEPTH: 11280

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	26	50	EST	
TOROK	EST	50	2980	LOG	
LTK/FTM	LOG	2980	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 22W SEC: 23 SURF. SKULL CLIFF (CR TST) 1
 LAT: 070 54 00 LONG: 157 36 00 SURF. API NUMBER: 50-163-10001-00-00
 KB ELEV.: 50 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 779

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	9	50	SPL	
NANUSHUK	SPL	50	450	SPL	
TOROK	SPL	450	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/10/81

TWP: 04 RGE: 22W SEC: 17 SURF. MEADE : 1
 LAT: 070 2 30 LONG: 157 29 22 SURF. API NUMBER: 50-163-10002-00-00
 KB ELEV.: 211 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 5305

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	14	25	SPL	
MANUSHUK	SPL	25	3450	LOG	
TOROK	LOG	3450	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 15N RGE: 19W SEC: 31 SURF. SOUTH MEADE : 1
 LAT: 070 36 53 LONG: 156 53 23 SURF. API NUMBER: 50-163-20001-00-00
 KB ELEV.: 60 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 9945

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	20	80	EST	
MANUSHUK	EST	80	2490	LOG	
TOROK	LOG	2490	6475	LOG	
PRBL SHL	LOG	6475	6735	LOG	
PPLSH GR	LOG	6475	6615	LOG	
PPLSH S	LOG	6720	6735	LOG	
PPLS UFM	LOG	6735	6735	LOG	
KINGAK	LOG	6735	8770	LOG	
BARROW S	LOG	6735	7860	LOG	
SHPSN SS	LOG	7860	8000	LOG	
SAG RV	LOG	8770	8860	LOG	
SHUPLIK	LOG	8860	9185	LOG	
SIDLCT	LOG	9185	9430	LOG	
FIRE CRK	LOG	9185	9335	LOG	
IVSK SS	LOG	9335	9430	LOG	
BSM CPLX	LOG	9430	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 14N RGE: 26W SEC: 8 SURF. KUGRUA 1
 LAT: 070 35 13 LONG: 158 39 43 SURF. API NUMBER: 50-163-20002-00-00
 ME ELEV.: 85 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 12588

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	25	80	EST	
NANUSHUK	EST	80	2330	LOG	
TOPOK	LOG	2330	6890	LOG	
PRBL SHL	LOG	6890	7200	LOG	
PRLSH GR	LOG	6890	6980	LOG	
PRLS UFM	LOG	7200	7200	LOG	
KINGAK	LOG	7200	9515	LOG	
S-PSN SS	LOG	8715	8875	LOG	
SAC RV	LOG	9515	9650	LOG	
SHUFLIK	LOG	9650	10010	LOG	
SIDL PCT	LOG	10010	11180	LOG	
FIRE CPK	LOG	10010	10345	LOG	
IVSK SS	LOG	10345	10820	LOG	
KLVIK SH	LOG	10820	11005	LOG	
ECHOOKA	LOG	11005	11180	LOG	
LISBURNE	LOG	11180	----		
UP LINE	LOG	11180	----		

PIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 18N RGE: 16W SEC: 10 SURF. KUYANAK 1
 LAT: 070 55 53 LONG: 156 3 52 SURF. API NUMBER: 50-163-20003-00-00
 ME ELEV.: 28 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 6690

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	17	75	EST	
NANUSHUK	EST	75	1250	LOG	
TOPOK	LOG	1250	4640	LOG	
PRBL SHL	LOG	4640	5160	LOG	
PRLSH GR	LOG	4640	4710	LOG	
BPRLSH S	LOG	5080	5160	LOG	
PRLS UFM	LOG	5160	5160	LOG	
KINGAK	LOG	5160	6245	LOG	
RRROW S	LOG	6115	6220	LOG	
SAC RV	LOG	6245	6335	LOG	
SHUFLIK	LOG	6335	6560	LOG	
ARGILLIT	LOG	6560	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 3N RGE: 23E SEC: 7 SURF. KAVIK UNIT 1
 LAT: 669 37 54 LONG: 146 34 9 SURF. API NUMBER: 50-179-20001-00-00
 KB ELEV.: 1348 ROCK UNIT AT T.O.: KEKIKTUK TOTAL DEPTH: 19564

ROCK UNIT	TYPE	TOP	POTYOM	TYPE	07/01/81
6PK/SFD	SUR	16	235	SPL	
COLVILLE	SPL	235	3020	LOG	
CLV GP H	SPL	235	3020	LOG	
PREL SHL	LOG	3020	3490	LOG	
POLSH GR	LOG	3040	3240	LOG	
PRELSH S	LOG	3460	3490	LOG	
POLS UFM	LOG	3490	3490	LOG	
KINGAK	LOG	3490	4230	LOG	
SIG RV	LOG	4230	4300	LOG	
SHUBLIK	LOG	4300	4435	LOG	
SADLCT	LOG	4435	5555	LOG	
FIRE CPK	LOG	4435	4640	LOG	
IVSK SS	LOG	4640	5130	LOG	
KAVIK SH	LOG	5130	5425	LOG	
ECHOOKA	LOG	5425	5555	LOG	
LISBURN	LOG	5555	6805	LOG	
EMOICOTT	LOG	6805	---	---	
KAYAK SH	LOG	8805	9315	LOG	
KEKIKTUK	LOG	9315	---	---	

10 30
4640
490

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 4N RGE: 23E SEC: 8 SURF. BELI UNIT 1
 LAT: 669 42 56 LONG: 146 32 13 SURF. API NUMBER: 50-179-20002-00-00
 KB ELEV.: 1052 ROCK UNIT AT T.O.: LISBURN TOTAL DEPTH: 14632

ROCK UNIT	TYPE	TOP	POTYOM	TYPE	02/16/81
6PK/SFD	SUR	28	690	LOG	
SG/CLV U	LOG	690	10605	LOG	
SG/CLV S	LOG	690	6355	LOG	
CLV GP H	LOG	6355	10605	LOG	
PREL SHL	LOG	10605	10850	LOG	
POLSH GR	LOG	10605	10755	LOG	
PRELSH S	LOG	10810	10850	LOG	
POLS UFM	LOG	10850	10850	LOG	
KINGAK	LOG	10850	11145	LOG	
SIG RV	LOG	11145	11210	LOG	
SHUBLIK	LOG	11210	11370	LOG	
SADLCT	LOG	11370	12415	LOG	
FIRE CPK	LOG	11370	11795	LOG	
IVSK SS	LOG	11795	12135	LOG	
KAVIK SH	LOG	12135	12295	LOG	
ECHOOKA	LOG	12295	12415	LOG	
LISBURN	LOG	12415	---	---	
UP LIME	LOG	12415	---	---	

12135
11795
345

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 3N RGE: 22E SEC: 11 SURF.

KAVIK UNIT

2

LAT: 069 37 56 LONG: 146 39 20 SURF.

API NUMBER: 50-179-20003-00-00

KB FLEV.: 1070 ROCK UNIT AT T.O.: LISBURN

TOTAL DEPTH: 7500

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/23/81
GRK/SFD	SUR	18	150	SPL	
COLVILLE	SPL	150	4230	LOG	
CLV GP H	SPL	150	4230	LOG	
PBBL SHL	LOG	4230	4710	LOG	
PBLSH GR	LOG	4235	4430	LOG	
BPBLSH S	LOG	4675	4710	LOG	
PPLS UFM	LOG	4710	4710	LOG	
KINGAK	LOG	4710	5665	LOG	
SAG RV	LOG	5665	5745	LOG	
SHUPLIK	LOG	5745	5895	LOG	
SADLRCT	LOG	5895	7015	LOG	
FIRE CRK	LOG	5895	6110	LOG	
IVSK SS	LOG	6110	6555	LOG	
KAVIK SH	LOG	6555	6880	LOG	
ECHOOKA	LOG	6880	7015	LOG	
LISBURN	LOG	7015	----		

6535-
6110
445

PIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 3N RGE: 23E SEC: 8 SURF.

KAVIK UNIT

3

LAT: 069 37 56 LONG: 146 31 55 SURF.

API NUMBER: 50-179-20004-00-00

KB FLEV.: 1501 ROCK UNIT AT T.O.: SADLRCT

TOTAL DEPTH: 5850

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	26	250	SPL	
COLVILLE	SPL	250	3600	LOG	
CLV GP H	SPL	250	3600	LOG	
PBBL SHL	LOG	3600	4165	LOG	
PBLSH GR	LOG	3605	3825	LOG	
BPBLSH S	LOG	4140	4165	LOG	
PPLS UFM	LOG	4165	4165	LOG	
KINGAK	LOG	4165	4915	LOG	
SAG RV	LOG	4915	4930	LOG	
SHUPLIK	LOG	4930	5110	LOG	
SADLRCT	LOG	5110	----		
FIRE CRK	LOG	5110	5310	LOG	
IVSK SS	LOG	5310	5760	LOG	
KAVIK SH	LOG	5760	----		

5760
5310
5760

FIELD

NORTH SLOPE ROCK UNIT REPORT

08/15/81

TWP: 3N RGE: 24E SEC: 19 SURF. CANNING RIVER UNIT A-1
 LAT: 069 36 21 LONG: 146 20 8 SURF. API NUMBER: 50-179-20005-00-00
 KB ELEV.: 925 ROCK UNIT AT T.D.: KTKK DOL TOTAL DEPTH: 8874

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/15/81
GPB/SFO	SUR	30	150	SPL	
CCLVILLE	SPL	150	2500	LOG	
CLV GP H	SPL	150	2500	LOG	
PPBL SHL	LOG	2500	3110	LOG	
PPLSH GR	LOG	2500	2920	LOG	
PPBLSH S	LOG	3065	3110	LOG	
PPLS UFM	LOG	3110	3110	LOG	
Y/FAULT	LOG	3110	3110	LOG	
PPBL SHL	LOG	3110	3315	LOG	
PPBLSH S	LOG	3270	3315	LOG	
PPLS UFM	LOG	3315	3315	LOG	
KINGAK	LOG	3315	4275	LOG	
SAG RV	LOG	4275	4335	LOG	140'
SHURLIK	LOG	4335	4485	LOG	
SADLRCT	LOG	4485	5675	LOG	
FIPE CPK	LOG	4485	4710	LOG	
IVSK SS	LOG	4710	5160	LOG	450'
KAVIK SH	LOG	5160	5500	LOG	
ECHOOKA	LOG	5500	5675	LOG	
LISBURN	LOG	5675	7980	LOG	
ENDICOTT	LOG	7980	8220	LOG	
KTKK DOL	LOG	8220	----		

FIELD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 04N RGE: 34E SEC: 32 SURF. CANNING RIVER UNIT B-1
 LAT: 069 30 50 LONG: 146 16 32 SURF. API NUMBER: 50-175-20006-00-00
 KB ELEV.: 596 ROCK UNIT AT T.D.: LISBURN TOTAL DEPTH: 10803

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GPB/SFO	SUR	27	100	EST	
SG/CLV U	EST	100	7780	LOG	
SG/CLV S	EST	100	4360	LOG	
CLV GP H	LOG	4360	7780	LOG	
PPBL SHL	LOG	7780	8070	LOG	
PPLSH GR	LOG	7780	7865	LOG	
PPBLSH S	LOG	8025	8070	LOG	
PPLS UFM	LOG	8070	8070	LOG	
KINGAK	LOG	8070	8385	LOG	
SAG RV	LOG	8385	8445	LOG	
SHURLIK	LOG	8445	8610	LOG	
SADLRCT	LOG	8610	9700	LOG	
FIPE CPK	LOG	8610	8770	LOG	
IVSK SS	LOG	8770	9285	LOG	
KAVIK SH	LOG	9285	9570	LOG	
ECHOOKA	LOG	9570	9700	LOG	
LISBURN	LOG	9700	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 2N RGE: 13E SEC: 22 SURF. SUSIE UNIT 1
 LAT: 069 31 6 LONG: 148 55 47 SURF. API NUMBER: 50-223-10001-00-00
 ME ELEV.: 466 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 13517

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GPK/SFD	SUR	16	500	LOG	
SG/CLV U	LOG	500	12140	LOG	
CLV GP S	LOG	500	7590	LOG	
CLV GP M	LOG	7590	12140	LOG	
PRBL SHL	LOG	12140	12180	LOG	
PRLSH GR	LOG	12140	12180	LOG	
T/FAULT	LOG	12180	12180	LOG	
CLV GP M	LOG	12180	12655	LOG	
PRBL SHL	LOG	12655	13085	LOG	
PRLSH GR	LOG	12655	12885	LOG	
PFELSH S	LOG	12980	13085	LOG	
PRLS UFM	LOG	13085	13085	LOG	
KINGAK	LOG	13085	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 2N RGE: 13E SEC: P SURF. SHAVIOVIK UNIT 1
 LAT: 069 32 27 LONG: 147 30 41 SURF. API NUMBER: 50-223-20001-00-00
 ME ELEV.: 797 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 7995

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
COLVILLE	SUR	11	----		
CLV GP M	SUR	11	----		

BIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 5N RGE: 20E SEC: 20 SURF. WEST KAVIK 1
 LAT: 069 44 13 LONG: 147 11 8 SURF. API NUMBER: 50-223-20002-00-00
 ME ELEV.: 415 ROCK UNIT AT T.D.: LISBURN TOTAL DEPTH: 16613

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	15	100	EST	
SG/CLV U	EST	100	12160	LOG	
SG/CLV S	EST	100	7400	LOG	
CLV GP M	LOG	7400	12160	LOG	
PRBL SHL	LOG	12160	12585	LOG	
PRLSH GR	LOG	12160	12360	LOG	
PRLS UFM	LOG	12585	12585	LOG	
KINGAK	LOG	12585	13190	LOG	
SAG RV	LOG	13190	13210	LOG	
SHURLIK	LOG	13210	13345	LOG	
SADLRCT	LOG	13345	14525	LOG	
FINE CRK	LOG	13345	13445	LOG	
IVSK SS	LOG	13445	13985	LOG	
KAVIK SH	LOG	13985	14310	LOG	
ECHOOKA	LOG	14310	14525	LOG	
LISBURN	LOG	14525	----		
UP LIME	LOG	14525	15765	LOG	
COLOMITE	LOG	15765	----		

14310
 13985
 321

PIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 2N RGE: 14E SEC: 5 SURF. NORA FEDERAL 1
 LAT: 069 33 N LONG: 148 45 W SURF. API NUMBER: 50-223-20003-00-00
 KB ELEV.: 514 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 17658

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	73	500	EST	
SG/CLV U	EST	500	12150	LOG	
SG/CLV S	EST	500	6600	LOG	
CLV GP H	LOG	6600	12150	LOG	
PPBL SHL	LOG	12150	12570	LOG	
PPLSH GR	LOG	12155	12570	LOG	
PPPLSH S	LOG	12470	12570	LOG	
PPLS UFM	LOG	12570	12570	LOG	
KINGAK	LOG	12570	15140	LOG	
SIG RV	LOG	15140	15140	LOG	
SHUBLIK	LOG	15140	15335	LOG	
SADLRCT	LOG	15335	16955	LOG	
FIRE CRK	LOG	15335	15975	LOG	
IVSK SS	LOG	15975	15975	LOG	
KAVIK SH	LOG	15975	16460	LOG	
ECHOOKA	LOG	16460	16955	LOG	
LISBURNE	LOG	16955	----		
UP LIME	LOG	16955	----		

SIFD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 4N RGE: 13E SEC: 71 SURF. BUSH FEDERAL 1
 LAT: 069 59 28 N LONG: 149 1 58 SURF. API NUMBER: 50-223-20004-00-00
 KB ELEV.: 394 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 16090

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	21	120	SPL	
SG/CLV U	SPL	120	10860	LOG	
SG/CLV S	SPL	120	5870	LOG	
CLV GP H	LOG	5870	10860	LOG	
PPBL SHL	LOG	10860	11210	LOG	
PPLSH GR	LOG	10865	11065	LOG	
PPPLSH S	LOG	11150	11210	LOG	
PPLS UFM	LOG	11210	11210	LOG	
KINGAK	LOG	11210	13400	LOG	
SIG RV	LOG	13400	13430	LOG	
SHUBLIK	LOG	13430	13550	LOG	
SADLRCT	LOG	13550	14930	LOG	
FIRE CRK	LOG	13550	13820	LOG	
IVSK SS	LOG	13820	14180	LOG	
KAVIK SH	LOG	14180	14630	LOG	
ECHOOKA	LOG	14630	14930	LOG	
LISBURNE	LOG	14930	----		
UP LIME	LOG	14930	15340	LOG	
DOLOMITE	LOG	15340	15880	LOG	
LO-LMST	LOG	15880	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/25/81

TWP: 1N RGE: 20E SEC: 17 SURF. KEMIK 1
 LAT: 069 26 2E LONG: 147 16 11 SURF. API NUMBER: 50-223-20006-00-00
 ME ELEV.: 1234 ROCK UNIT AT T.O.: KAYAK SH TOTAL DEPTH: 16073

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GFK/SFD	SUR	14	50	EST	
COLVILLE	EST	50	2770	LOG	
CLV GP M	EST	50	2770	LOG	
PPBL SHL	LOG	2770	3885	LOG	
PFSLH GR	LOG	2785	3450	LOG	
BPFLSH S	LOG	3585	3885	LOG	
POLS UFM	LOG	3885	3885	LOG	
KINGAK	LOG	3885	4440	LOG	
T/FAULT	LOG	4440	4440	LOG	
BPFLSH S	LOG	4440	4730	LOG	
POLS UFM	LOG	4730	4730	LOG	
KINGAK	LOG	4730	8480	LOG	
SAG RV	LOG	8480	8545	LOG	
SHUPLIK	LOG	8545	8830	LOG	
SADLACT	LOG	8830	10950	LOG	
FIRE CRK	LOG	8830	9275	LOG	
IVSK SS	LOG	9275	9560	LOG	
KAVIK SH	LOG	9560	10255	LOG	
ECHOOKA	LOG	10255	10950	LOG	
LTSBUPNE	LOG	10950	15970	LOG	
ENDICOTT	LOG	15970	----		
KAYAK SH	LOG	15970	----		

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 9275
 365

TYPE

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 2N RGE: 19E SEC: 25 SURF. FIN CREEK UNIT 1
 LAT: 069 30 00 LONG: 147 36 00 SURF. API NUMBER: 50-223-20007-00-00
 ME ELEV.: 785 ROCK UNIT AT T.O.: ECHOOKA TOTAL DEPTH: 16119

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GFK/SFD	SUR	17	100	EST	
SG/CLV U	EST	100	10000	LOG	
SG/CLV S	EST	100	2320	LOG	
CLV GP M	LOG	2320	10000	LOG	
PPBL SHL	LOG	10000	10535	LOG	
BPFLSH S	LOG	10375	10535	LOG	
POLS UFM	LOG	10535	10535	LOG	
KINGAK	LOG	10535	14130	LOG	
SAG RV	LOG	14130	14160	LOG	
SHUPLIK	LOG	14160	14360	LOG	
SADLACT	LOG	14360	----		
FIRE CRK	LOG	14360	14770	LOG	
IVSK SS	LOG	14770	15100	LOG	
KAVIK SH	LOG	15100	15710	LOG	
ECHOOKA	LOG	15710	----		

15100
 14770
 330

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 16E SEC: 32 SURF. ECHOOKA UNIT 1
 LAT: 069 23 57 LONG: 148 16 3 SURF. API NUMBER: 50-223-20008-00-00
 KB ELEV.: 676 ROCK UNIT AT T.O.: KINGAK TOTAL DEPTH: 13015

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	21	335	LOG	
SG/CLV U	LOG	335	12405	LOG	
SE/CLV S	LOG	335	3900	LOG	
CLV GP H	LOG	3900	12405	LOG	
PRBL SHL	LOG	12405	12920	LOG	
PRLSH GR	LOG	12410	12655	LOG	
BPBLSH S	LOG	12740	12920	LOG	
PRLS UFM	LOG	12920	12920	LOG	
KINGAK	LOG	12920	----		

FIFE

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 5N RGE: 14E SEC: 14 SURF. WEST KADLEROSHILIK 1
 LAT: 069 46 59 LONG: 148 35 12 SURF. API NUMBER: 50-223-20009-00-00
 KB ELEV.: 909 ROCK UNIT AT T.O.: SG/CLV U TOTAL DEPTH: 4566

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/23/81
SG/CLV U	SFD	27	----		
SG/CLV S	SFD	27	----		

BICE

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 3S RGE: 11E SEC: 30 SURF. AUFEIS UNIT 1
 LAT: 069 00 00 LONG: 148 34 18 SURF. API NUMBER: 50-223-20010-00-00
 KB ELEV.: 1170 ROCK UNIT AT T.O.: CLV GP H TOTAL DEPTH: 7954

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	25	90	SPL	
COLVILLF	SPL	90	----		
CLV GP S	SPL	90	1480	LOG	
CLV GP H	LOG	1480	----		

PIRO

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 4S RGE: 14E SEC: 13 SURF. LUPINE UNIT 1
 LAT: 069 6 3 LONG: 148 37 6 SURF. API NUMBER: 50-223-20011-00-00
 KB ELEV.: 1739 ROCK UNIT AT T.O.: KINGAK TOTAL DEPTH: 14268

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
MANUSHUK	SUR	17	4715	LOG	
TOROK	LOG	4715	5150	LOG	
LYK/FTM	LOG	5150	10960	SPL	
PRBL SHL	SPL	10960	11250	EST	
PBL5 UFM	EST	11250	11250	EST	
KINGAK	EST	11250	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 01S RGE: 21E SEC: 06 SURF. KEMIK UNIT 2
 LAT: 069 23 10 LONG: 147 9 16 SURF. API NUMBER: 50-223-20013-00-00
 KB ELEV.: 1307 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 8880

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	03/15/81
GRK/SFD	SUR	19	25	EST	
KINGAK	EST	25	6030	LOG	
SEG RV	LOG	6030	6105	LOG	
SHUPLIK	LOG	6105	6285	LOG	
SAGLACT	LOG	6285	8340	LOG	
FIRE CRK	LOG	6285	6785	LOG	
IVSK SS	LOG	6785	7155	LOG	
KEMIK SH	LOG	7155	7815	LOG	
ECHOOKA	LOG	7815	8340	LOG	
LISBURNE	LOG	8340	----		

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 625
 310

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 17W SEC: 17 SURF. SIMPSON (CORE TST) 1
 LAT: 070 55 41 LONG: 155 17 21 SURF. API NUMBER: 50-279-10001-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 116

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	6	85	LOG	
NANUSHUK	LOG	85	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 2
 LAT: 070 55 39 LONG: 155 17 30 SURF. API NUMBER: 50-279-10002-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 226

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	18	75	LOG	
NANUSHUK	LOG	75	----		

PIPD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 3
 LAT: 070 55 38 LONG: 155 17 30 SURF. API NUMBER: 50-279-10003-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 368

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	2	80	LOG	
NANUSHUK	LOG	80	----		

PIFO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 10 SURF. SIMPSON (CORE TST) 4
 LAT: 070 55 45 LONG: 155 15 51 SURF. API NUMBER: 50-279-10004-00-00
 KB ELEV.: 14 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 151

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD NANUSHUK	SUR LOG	2 80	80 ----	LOG	

PIFO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 3 SURF. SIMPSON (CORE TST) 5
 LAT: 070 55 17 LONG: 155 16 45 SURF. API NUMBER: 50-279-10005-00-00
 KB ELEV.: 17 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 130

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GRK/SFD NANUSHUK	SUR LOG	6 50	50 ----	LOG	

PIFO

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 13W SEC: 9 SURF. SIMPSON (CORE TST) 6
 LAT: 070 55 58 LONG: 155 18 52 SURF. API NUMBER: 50-279-10006-00-00
 KB ELEV.: 26 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 149

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD NANUSHUK	SUR LOG	6 80	80 ----	LOG	

PIFO

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 13W SEC: 9 SURF. SIMPSON (CORE TST) 7
 LAT: 070 55 49 LONG: 155 18 8 SURF. API NUMBER: 50-279-10007-00-00
 KB ELEV.: 26 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 532

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD NANUSHUK	SUR LOG	12 70	70 ----	LOG	

BIRD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 18N RGE: 13W SEC: 4 SURF. SIMPSON (CORE TST) 8
 LAT: 070 56 43 LONG: 155 17 38 SURF. API NUMBER: 50-279-10008-00-00
 KB ELEV.: 16 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 580

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPX/SFD	SUR	2	65	LOG	
NANUSHUK	LOG	65	---		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 19N RGE: 13W SEC: 34 SURF. SIMPSON (CORE TST) 9
 LAT: 070 57 28 LONG: 155 17 30 SURF. API NUMBER: 50-279-10009-00-00
 KB ELEV.: 11 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 320

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPX/SFD	SUR	5	25	LOG	
NANUSHUK	LOG	25	---		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 19N RGE: 13W SEC: 34 SURF. SIMPSON (CORE TST) 10
 LAT: 070 57 42 LONG: 155 17 31 SURF. API NUMBER: 50-279-10010-00-00
 KB ELEV.: 11 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 580

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPX/SFD	SUR	4	65	LOG	
NANUSHUK	LOG	65	---		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 19N RGE: 13W SEC: 21 SURF. SIMPSON (CORE TST) 11
 LAT: 070 58 49 LONG: 155 17 31 SURF. API NUMBER: 50-279-10011-00-00
 KB ELEV.: 3 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 580

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPX/SFD	SUR	2	80	LOG	
COLVILLE	LOG	80	---		
COLVILLE	LOG	80	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 13W SEC: 27 SURF. SIMPSON (CORE TST) 12
 LAT: 070 58 12 LONG: 155 17 30 SURF. API NUMBER: 50-279-10012-00-00
 KP ELEV.: 6 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 460

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	5	65	LOG	
COLVILLE	LOG	65	---		
CLV GP M	LOG	65	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 13
 LAT: 070 58 40 LONG: 154 38 43 SURF. API NUMBER: 50-279-10013-00-00
 KP ELEV.: 22 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1438

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	6	85	LOG	
COLVILLE	LOG	85	660	LOG	
CLV GP M	LOG	85	660	LOG	
NANUSHUK	LOG	660	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 14
 LAT: 070 59 12 LONG: 154 37 35 SURF. API NUMBER: 50-279-10014-00-00
 KP ELEV.: 34 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1270

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	300	LOG	
CLV GP M	LOG	85	300	LOG	
NANUSHUK	LOG	300	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 14A
 LAT: 070 59 12 LONG: 154 37 37 SURF. API NUMBER: 50-279-10015-00-00
 KP ELEV.: 30 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 290

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	3	85	EST	
COLVILLE	EST	85	---		
CLV GP M	EST	85	---		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 15
 LAT: 070 59 5 LONG: 154 38 8 SURF. API NUMBER: 50-279-10016-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 900

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	5	75	LOG	
COLVILLE	LOG	75	290	LOG	
CLV GP H	LOG	75	290	LOG	
NANUSHUK	LOG	290	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 16
 LAT: 070 58 50 LONG: 154 37 51 SURF. API NUMBER: 50-279-10017-00-00
 KB ELEV.: 28 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 800

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	4	80	LOG	
COLVILLE	LOG	80	295	LOG	
CLV GP H	LOG	80	295	LOG	
NANUSHUK	LOG	295	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 24 SURF. SIMPSON (CORE TST) 17
 LAT: 070 59 12 LONG: 154 38 32 SURF. API NUMBER: 50-279-10018-00-00
 KB ELEV.: 27 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1100

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	4	80	LOG	
COLVILLE	LOG	80	570	LOG	
CLV GP H	LOG	80	570	LOG	
NANUSHUK	LOG	570	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 19N RGE: 11W SEC: 23 SURF. SIMPSON (CORE TST) 18
 LAT: 070 59 38 LONG: 154 40 13 SURF. API NUMBER: 50-279-10019-00-00
 KB ELEV.: 18 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 1460

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	90	LOG	
COLVILLE	LOG	90	----		
CLV GP H	LOG	90	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 11W SEC: 22 SURF. SIMPSON (CORE TST) 19
 LAT: 070 50 16 LONG: 154 42 56 SURF. API NUMBER: 50-279-10020-00-00
 KB FLEV.: 19 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 1061

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	80	LOG	
COLVILLE	LOG	80	----		
CLV GP H	LOG	80	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 19N RGE: 10W SEC: 16 SURF. SIMPSON (CORE TST) 20
 LAT: 070 50 48 LONG: 154 35 18 SURF. API NUMBER: 50-279-10021-00-00
 KB FLEV.: 24 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 1001

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	4	85	LOG	
COLVILLE	LOG	85	----		
CLV GP H	LOG	85	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 19N RGE: 10W SEC: 16 SURF. SIMPSON (CORE TST) 22
 LAT: 070 50 31 LONG: 154 36 15 SURF. API NUMBER: 50-279-10022-00-00
 KB FLEV.: 27 ROCK UNIT AT T.D.: COLVILLE TOTAL DEPTH: 903

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	7	85	LOG	
COLVILLE	LOG	85	----		
CLV GP H	LOG	85	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 3 SURF. SIMPSON (CORE TST) 25
 LAT: 070 56 9 LONG: 154 42 11 SURF. API NUMBER: 50-279-10023-00-00
 KB FLEV.: 20 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1510

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	3	110	LOG	
COLVILLE	LOG	110	830	LOG	
CLV GP H	LOG	110	830	LOG	
NANUSHUK	LOG	830	----		

PIRD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 26
 LAT: 070 56 8 LONG: 154 41 3 SURF. API NUMBER: 50-279-10024-00-00
 KB ELEV.: 23 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1171

ROCK UNIT	TYPE	TOP	POTTON	TYPE	06/01/81
GPK/SFD	SUR	3	85	LOG	
COLVILLE	LOG	85	420	LOG	
CLV GP H	LOG	85	420	LOG	
NANUSHUK	LOG	420	----		

PIRE NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 27
 LAT: 070 56 7 LONG: 154 40 4 SURF. API NUMBER: 50-279-10025-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1500

ROCK UNIT	TYPE	TOP	POTTON	TYPE	06/01/81
GPK/SFD	SUR	5	100	LOG	
COLVILLE	LOG	100	450	LOG	
CLV GP H	LOG	100	450	LOG	
NANUSHUK	LOG	450	----		

PIRE NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 19N RGE: 10W SEC: 10 SURF. SIMPSON (CORE TST) 28
 LAT: 070 50 32 LONG: 154 40 13 SURF. API NUMBER: 50-279-10026-00-00
 KB ELEV.: 37 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 2505

ROCK UNIT	TYPE	TOP	POTTON	TYPE	06/01/81
GPK/SFD	SUR	37	120	LOG	
COLVILLE	LOG	120	1020	LOG	
CLV GP H	LOG	120	1020	LOG	
NANUSHUK	LOG	1020	----		

PIPD NORTH SLOPE ROCK UNIT REPORT 09/01/81
 TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 29
 LAT: 070 55 46 LONG: 154 41 30 SURF. API NUMBER: 50-279-10027-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 700

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	490	LOG	
CLV GP H	LOG	85	490	LOG	
NANUSHUK	LOG	490	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 30
 LAT: 070 55 50 LONG: 154 40 35 SURF. API NUMBER: 50-279-10028-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1 693

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	445	LOG	
CLV GP H	LOG	85	445	LOG	
NANUSHUK	LOG	445	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 18N RGE: 11W SEC: 11 SURF. SIMPSON (CORE TST) 30A
 LAT: 070 55 49 LONG: 154 40 40 SURF. API NUMBER: 50-279-10029-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 701

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	5	85	LOG	
COLVILLE	LOG	85	445	LOG	
CLV GP H	LOG	85	445	LOG	
NANUSHUK	LOG	445	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 19N RGE: 11W SEC: 36 SURF. SIMPSON (CORE TST) 31
 LAT: 070 57 20 LONG: 154 37 44 SURF. API NUMBER: 50-279-10030-00-00
 KB ELEV.: 19 ROCK UNIT AT T.D.: CLV GP H TOTAL DEPTH: 355

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GRK/SFD	SUR	5	110	LOG	
COLVILLE	LOG	110	----		
CLV GP H	LOG	110	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 19N RGE: 13W SEC: 32 SURF. SIMPSON 1
 LAT: 070 57 11 LONG: 155 21 51 SURF. API NUMBER: 50-279-10032-00-00
 KB ELEV.: 29 ROCK UNIT AT T.D.: ARGILLIT TOTAL DEPTH: 7002

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	17	25	EST	
NANUSHUK	EST	25	980	LOG	
TOROK	LOG	980	5290	LOG	
PBBL SHL	LOG	5290	5500	EST	
PRLS UFM	EST	5500	5500	EST	
KINGAK	EST	5500	6030	LOG	
SAC RV	LOG	6030	6270	LOG	
SHURLIK	LOG	6270	6535	LOG	
ARGILLIT	LOG	6535	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 15N RGE: 16W SEC: 25 SURF. TOPAGORUK 1
 LAT: 070 37 30 LONG: 155 55 35 SURF. API NUMBER: 50-279-10033-00-00
 KB ELEV.: 42 ROCK UNIT AT T.D.:BSH CPLX TOTAL DEPTH: 10503

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPK/SFD	SUR	14	50	SPL	
NANUSHUK	SPL	50	2150	LOG	
TOROK	LOG	2150	6685	LOG	
PBBL SHL	LOG	6685	6885	LOG	
PPLSH GR	LOG	6685	6840	LOG	
PPLS UFM	LOG	6885	6885	LOG	
KINGAK	LOG	6885	8665	LOG	
SMPSN SS	LOG	7750	7860	LOG	
SAB RV	LOG	8665	8830	LOG	
S-URLIK	LOG	8830	9220	LOG	
SADLRCT	LOG	9220	9775	LOG	
FIPE CRK	LOG	9220	9380	LOG	
JVSK SS	LOG	9380	9585	LOG	
KAVJK SH	LOG	9585	9775	LOG	
ENDICOTT	LOG	9775	10045	LOG	
BSH CPLX	LOG	10045	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 14N RGE: 14W SEC: 12 SURF. EAST TOPAGORUK 1
 LAT: 070 34 37 LONG: 155 22 38 SURF. API NUMBER: 50-279-10034-00-00
 KB ELEV.: 67 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 3589

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GPK/SFD	SUR	17	90	SPL	
NANUSHUK	SPL	90	2280	LOG	
TOROK	LOG	2280	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 17N RGE: 12W SEC: 22 SURF. SOUTH SIMPSON 1
 LAT: 070 48 24 LONG: 154 58 54 SURF. API NUMBER: 50-279-20001-00-00
 KB ELEV.: 25 ROCK UNIT AT T.D.:ARGILLIT TOTAL DEPTH: 8795

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPK/SFD	SUR	20	80	EST	
NANUSHUK	EST	80	1910	LOG	
TOROK	LOG	1910	6315	LOG	
PBBL SHL	LOG	6315	6525	LOG	
PPLSH GR	LOG	6335	6460	LOG	
PPLS UFM	LOG	6525	6525	LOG	
KINGAK	LOG	6525	7400	LOG	
SMPSN SS	LOG	6525	6705	LOG	
SAB RV	LOG	7400	7685	LOG	
S-URLIK	LOG	7685	8270	LOG	
SADLRCT	LOG	8270	8590	LOG	
JVSK SS	LOG	8270	8470	LOG	
KAVJK SH	LOG	8470	8590	LOG	
ENDICOTT	LOG	8590	8745	LOG	
ARGILLIT	LOG	8745	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 8W SEC: 26 SURF. DREW POINT 1
 LAT: 070 52 47 LONG: 153 53 59 SURF. API NUMBER: 50-279-20002-00-00
 KB ELEV.: 59 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 7946

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GBK/SFD	SUR	23	80	EST	
COLVILLE	EST	80	1230	LOG	
CLV GP S	EST	80	740	LOG	
CLV GP H	EST	740	1230	LOG	
MANUSHUK	LOG	1230	3200	LOG	
TOROK	LOG	3200	6700	LOG	
PRBL SHL	LOG	6700	6900	LOG	
PRLSH GP	LOG	6700	6840	LOG	
PRLS UFM	LOG	6900	6900	LOG	
KINGAK	LOG	6900	6935	LOG	
SAG RV	LOG	6935	7060	LOG	
SHURLIK	LOG	7060	7570	LOG	
SADLRCT	LOG	7570	7850	LOG	
IVSK SS	LOG	7570	7850	LOG	
ARGILLIT	LOG	7850	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 8N RGE: 5W SEC: 34 SURF. INIGOK 1
 LAT: 070 00 16 LONG: 153 5 57 SURF. API NUMBER: 50-279-20003-00-00
 KB ELEV.: 163 ROCK UNIT AT T.O.: ENDICOTT TOTAL DEPTH: 20102

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GBK/SFD	SUR	43	100	EST	
COLVILLE	EST	100	2250	LOG	
CLV GP S	EST	100	1380	LOG	
CLV GP H	LOG	1380	2250	LOG	
MANUSHUK	LOG	2250	3935	LOG	
TOROK	LOG	3935	9040	LOG	
PRBL SHL	LOG	9040	9260	LOG	
PRLSH GR	LOG	9040	9170	LOG	
PRLS UFM	LOG	9260	9260	LOG	
KINGAK	LOG	9260	12160	LOG	
SAG RV	LOG	12160	12190	LOG	
SHURLIK	LOG	12190	12430	LOG	
SADLRCT	LOG	12430	13985	LOG	
FIRE CRK	LOG	12430	12840	LOG	
IVSK SS	LOG	12840	13280	LOG	
NAVIK SH	LOG	13280	13660	LOG	
ECHOOKA	LOG	13660	13985	LOG	
LISBURN	LOG	13985	17870	LOG	
ENDICOTT	LOG	17870	----		
KAYAK SH	LOG	17870	18500	LOG	
MEKIXTUK	LOG	18500	----		

PIRE

NORTH SLOPE ROCK UNIT REPORT

09/01/81

TWP: 134 RGE: 10W SEC: 25 SURF. IKPIKPUK 1
 LAT: 070 27 20 LONG: 154 19 53 SURF. API NUMBER: 50-279-20004-00-00
 KB ELEV.: 52 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 15481

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	20	100	SPL	
NANUSHUK	SPL	100	2950	LOG	
TOROK	LOG	2950	7230	LOG	
PFBL SHL	LOG	7230	7480	LOG	
PBLSH GR	LOG	7230	7355	LOG	
BPBLSH S	LOG	7435	7480	LOG	
POLS UFM	LOG	7460	7480	LOG	
KINGAK	LOG	7480	9845	LOG	
SAG RV	LOG	9845	9905	LOG	
SHUBLIK	LOG	9905	10395	LOG	
SADLRCT	LOG	10395	11445	LOG	
PIPE CPL	LOG	10395	10600	LOG	
IVSK SS	LOG	10600	11100	LOG	
KAVIK SH	LOG	11100	11295	LOG	
ECHOOKA	LOG	11295	11445	LOG	
LISBURNE	LOG	11445	14550	LOG	
UP LIME	LOG	11445	13785	LOG	
DOLOMITE	LOG	13785	14070	LOG	
LO LMSY	LOG	14070	14550	LOG	
ENDICOTT	LOG	14550	15320	LOG	
BSM CPLX	LOG	15320	----		

PIRE

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 184 RGE: 10W SEC: 18 SURF. EAST SIMPSON 1
 LAT: 070 55 4 LONG: 154 37 4 SURF. API NUMBER: 50-279-20005-00-00
 KB ELEV.: 30 ROCK UNIT AT T.D.:BSM CPLX TOTAL DEPTH: 7739

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GPV/SFD	LOG	16	90	EST	
COLVILLE	EST	90	525	LOG	
CLV GF M	EST	90	525	LOG	
NANUSHUK	LOG	525	2690	LOG	
TOROK	LOG	2690	6365	LOG	
PFBL SHL	LOG	6365	6580	LOG	
PBLSH GR	LOG	6365	6525	LOG	
POLS UFM	LOG	6580	6580	LOG	
KINGAK	LOG	6580	6760	LOG	
SAG RV	LOG	6760	7025	LOG	
SHUBLIK	LOG	7025	7455	LOG	
SADLRCT	LOG	7455	7590	LOG	
IVSK SS	LOG	7455	7590	LOG	
BSM CPLX	LOG	7590	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 18N RGE: 5W SEC: 14 SURF. J. W. DALTON 1
 LAT: 070 55 13 LONG: 153 8 15 SURF. API NUMBER: 50-279-20006-00-00
 KB ELEV.: 37 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 9367

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GPK/SFD	SUR	18	210	SPL	
SG/CLV U	SPL	210	2660	LOG	
SG/CLV S	SPL	210	2060	LOG	
CLV GP H	LOG	2060	2660	LOG	
MANUSHUK	LOG	2660	4140	LOG	
TOROK	LOG	4140	7480	LOG	
PPBL SHL	LOG	7480	7640	LOG	
PPLSH GR	LOG	7480	7585	LOG	
PPPLSH S	LOG	7630	7640	LOG	
PPLS UFM	LOG	7640	7640	LOG	
SHUBLIK	LOG	7640	7900	LOG	
SADLRCT	LOG	7900	8305	LOG	
FIPE CRK	LOG	7900	7955	LOG	
IVSK SS	LOG	7955	8230	LOG	
MAVIK SH	LOG	8230	8305	LOG	
LISFURNE	LOG	8305	8615	LOG	
ENDICOTT	LOG	8615	9265	LOG	
ARGILLIT	LOG	9265	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 19N RGE: 11W SEC: 23 SURF. EAST SIMPSON 2
 LAT: 070 58 42 LONG: 154 40 25 SURF. API NUMBER: 50-279-20007-00-00
 KB ELEV.: 40 ROCK UNIT AT T.O.: ARGILLIT TOTAL DEPTH: 7504

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	17	90	EST	
COLVILLE	EST	80	1045	LOG	
CLV GP H	EST	80	1045	LOG	
MANUSHUK	LOG	1045	2700	LOG	
TOROK	LOG	2700	6325	LOG	
PPBL SHL	LOG	6325	6525	LOG	
PPLSH GR	LOG	6325	6475	LOG	
PPLS UFM	LOG	6525	6525	LOG	
SAG RV	LOG	6525	6770	LOG	
SHUBLIK	LOG	6770	7150	LOG	
SADLRCT	LOG	7150	7355	LOG	
BSM CPLX	LOG	7355	----		
ARGILLIT	LOG	7355	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 2W SEC: 34 SURF. UNITAT 1
 LAT: 069 23 52 LONG: 152 19 45 SURF. API NUMBER: 50-287-10001-00-00
 KB ELEV.: 810 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 6005

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
COLVILLE	SUR	9	915	LOG	
CLV GP S	SUR	9	200	LOG	
CLV GP H	LOG	200	915	LOG	
MANUSHUK	LOG	915	2840	LOG	
TOROK	LOG	2840	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT 2
 LAT: 069 23 3 LONG: 152 3 00 SURF. API NUMBER: 50-287-10002-00-00
 KP ELEV.: 342 ROCK UNIT AT T.D.:TOROK TOTAL DEPTH: 6212

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GBK/SFD	SUR	9	70	SPL	
NANUSHUK	SPL	70	1060	LOG	
TOROK	LOG	1060			

BIRD

NORTH SLOPE ROCK UNIT REPORT

08/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT (CORE YST 1) 3
 LAT: 069 23 14 LONG: 152 5 13 SURF. API NUMBER: 50-287-10003-00-00
 KP ELEV.: 360 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 572

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GBK/SFD	SUR	9	60	EST	
NANUSHUK	EST	60			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT (RUBY 1) 4
 LAT: 069 23 20 LONG: 152 4 53 SURF. API NUMBER: 50-287-10004-00-00
 KP ELEV.: 483 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 840

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
GBK/SFD	SUR	1	90	EST	
NANUSHUK	EST	90			

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 3 SURF. UMIAT (RUBY 2) 5
 LAT: 069 23 4 LONG: 152 4 55 SURF. API NUMBER: 50-287-10005-00-00
 KP ELEV.: 335 ROCK UNIT AT T.D.:NANUSHUK TOTAL DEPTH: 1077

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GBK/SFD	SUR	1	65	EST	
NANUSHUK	EST	65			

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 1S RGE: 1W SEC: 10 SURF. UMIAT (RUBY 3) 6
 AT: 069 22 44 LONG: 152 9 39 SURF. API NUMBER: 50-287-10006-00-00
 B ELEV.: 337 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 825

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPK/SFD	SUR	3	30	SPL	
COLVILLE	SPL	30	220	LOG	
CLV GP H	SPL	30	220	LOG	
NANUSHUK	LOG	220	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 1S RGE: 1W SEC: 10 SURF. UMIAT (RUBY 4) 7
 AT: 069 22 32 LONG: 152 6 16 SURF. API NUMBER: 50-287-10007-00-00
 B ELEV.: 330 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1384

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	4	50	SPL	
COLVILLE	SPL	50	380	SPL	
CLV GP H	SPL	50	380	SPL	
NANUSHUK	SPL	380	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 1N RGE: 1W SEC: 34 SURF. UMIAT 8
 AT: 069 23 58 LONG: 152 6 56 SURF. API NUMBER: 50-287-10008-00-00
 B ELEV.: 740 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1327

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	06/01/81
GPK/SFD	SUR	5	20	SPL	
COLVILLE	SPL	20	60	SPL	
CLV GP H	SPL	20	60	SPL	
NANUSHUK	SPL	60	----		

BIRD NORTH SLOPE ROCK UNIT REPORT 02/01/81
 TWP: 1S RGE: 1W SEC: 5 SURF. UMIAT 9
 AT: 069 23 13 LONG: 152 10 10 SURF. API NUMBER: 50-287-10009-00-00
 B ELEV.: 424 ROCK UNIT AT T.D.: NANUSHUK TOTAL DEPTH: 1257

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/01/81
NANUSHUK	SUR	6	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1W SEC: 84 SURF. UMIAT 1D
 AT: 069 24 3 LONG: 152 7 56 SURF. API NUMBER: 50-287-10010-00-00
 ELEV.: 746 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 1573

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
NANUSHUK	SUR	5	250	SPL	
T/FAULT	SPL	250	250	SPL	
COLVILLE	SPL	250	400	SPL	
SEABEE	SPL	250	400	SPL	
NANUSHUK	SPL	400	500	SPL	
T/FAULT	SPL	500	500	SPL	
COLVILLE	SPL	500	630	SPL	
SEABEE	SPL	500	630	SPL	
NANUSHUK	SPL	630	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N RGE: 1W SEC: 34 SURF. UMIAT 11
 AT: 069 24 29 LONG: 152 5 57 SURF. API NUMBER: 50-287-10011-00-00
 ELEV.: 481 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 3303

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GPB/SFD	SUR	17	20	SPL	
COLVILLE	SPL	20	2040	LOG	
CLV GP S	SPL	20	545	LOG	
CLV GP H	LOG	545	2040	LOG	
NANUSHUK	LOG	2040	3080	LOG	
TOROK	LOG	3080	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 3N RGE: 3E SEC: 20 SURF. SENTINEL HILL (CR) 1
 AT: 069 36 56 LONG: 151 27 11 SURF. API NUMBER: 50-287-10012-00-00
 ELEV.: 209 ROCK UNIT AT T.O.: COLVILLE TOTAL DEPTH: 1180

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
COLVILLE	SUR	9	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 1N RGE: 3E SEC: 19 SURF. GURIK 1
 AT: 069 26 3 LONG: 151 29 35 SURF. API NUMBER: 50-287-10013-00-00
 ELEV.: 156 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 6000

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GPB/SFD	SUR	12	65	SPL	
COLVILLE	SPL	65	3070	LOG	
CLV GP S	SPL	65	1950	LOG	
CLV GP H	LOG	1950	3070	LOG	
NANUSHUK	LOG	3070	3975	LOG	
TOROK	LOG	3975	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 1N R6E1 3E SEC: 70 SURF.
 AT: 069 25 28 LONG: 151 26 32 SURF.
 B ELEV.: 163 ROCK UNIT AT T.D.:TOROK

GUBIK UNIT 2
 API NUMBER: 50-287-10014-00-00
 TOTAL DEPTH: 4620

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRV/SFD	SUR	12	110	EST	
COLVILLE	EST	110	3330	LOG	
CLV GP S	EST	110	2200	LOG	
CLV GP H	LOG	2200	3330	LOG	
NANUSHUK	LOG	3330	4285	LOG	
TOROK	LOG	4285	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1N R6E1 3E SEC: 21 SURF.
 AT: 069 25 22 LONG: 151 26 32 SURF.
 B ELEV.: 217 ROCK UNIT AT T.D.:TOROK

GUBIK UNIT 1
 API NUMBER: 50-287-10015-00-00
 TOTAL DEPTH: 4406

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRV/SFD	SUR	23	90	EST	
COLVILLE	EST	90	3170	LOG	
CLV GP S	EST	90	2070	LOG	
CLV GP H	LOG	2070	3170	LOG	
NANUSHUK	LOG	3170	4340	LOG	
TOROK	LOG	4340	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

09/16/81

TWP: 1S R6E1 2E SEC: 19 SURF.
 AT: 069 20 40 LONG: 151 44 36 SURF.
 B ELEV.: 554 ROCK UNIT AT T.D.:NANUSHUK

EAST UNIT UNIT 1
 API NUMBER: 50-287-10016-00-00
 TOTAL DEPTH: 3347

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRV/SFD	SUR	17	75	EST	
COLVILLE	EST	75	1800	LOG	
CLV GP S	EST	75	360	LOG	
CLV GP H	LOG	360	1800	LOG	
NANUSHUK	LOG	1800	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 5S R6E1 5E SEC: 2 SURF.
 AT: 069 1 56 LONG: 150 51 48 SURF.
 B ELEV.: 759 ROCK UNIT AT T.D.:TOROK

SHALE WALL UNIT 1
 API NUMBER: 50-287-10017-00-00
 TOTAL DEPTH: 4026

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRV/SFD	SUR	11	75	EST	
COLVILLE	EST	75	1080	LOG	
CLV GP H	EST	75	1080	LOG	
NANUSHUK	LOG	1080	3990	LOG	
TOROK	LOG	3990	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 25 RGE: 5E SEC: 1 SURF. KUPARUK UNIT 1
 AT: 069 17 44 LONG: 130 49 49 SURF. API NUMBER: 50-287-10018-00-00
 B ELEV.: 432 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 6570

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/25/81
GRK/SFD	SUR	12	60	EST	
COLVILLE	EST	60	5365	LOG	
CLV GP S	EST	60	3410	LOG	
CLV GP M	LOG	3410	5365	LOG	
NANUSHUK	LOG	5365	6010	LOG	
TOROK	LOG	6010	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 1N RGE: 6E SEC: 11 SURF. ITKILLIK UNIT 1
 AT: 069 27 20 LONG: 130 34 32 SURF. API NUMBER: 50-287-10020-00-00
 B ELEV.: 529 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 7751

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/16/81
GRK/SFD	SUR	12	60	SPL	
COLVILLE	SPL	60	6590	LOG	
CLV GP S	SPL	60	4420	LOG	
CLV GP M	LOG	4420	6590	LOG	
NANUSHUK	LOG	6590	6610	LOG	
TOROK	LOG	6610	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 3S RGE: 5E SEC: 1E SURF. SCHRADER UNIT 1
 AT: 069 10 36 LONG: 131 00 38 SURF. API NUMBER: 50-287-10021-00-00
 B ELEV.: 571 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 5129

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	100	SPL	
COLVILLE	SPL	100	570	LOG	
CLV GP M	SPL	100	570	LOG	
NANUSHUK	LOG	570	2555	LOG	
TOROK	LOG	2555	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 3S RGE: 4W SEC: 34 SURF. LITTLE TWIST UNIT 1
 AT: 069 0 26 LONG: 132 49 6 SURF. API NUMBER: 50-287-10022-00-00
 B ELEV.: 1191 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 3625

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
NANUSHUK	SUR	18	3075	LOG	
TOROK	LOG	3075	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/16/81

TWP: 25 RGE: 8E SEC: 10 SURF. EAST KUPARUK UNIT 1
 AT: 069 17 16 LONG: 150 9 23 SURF. API NUMBER: 50-287-20001-00-00
 R ELEV.: 725 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 7000

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	17	75	EST	
COLVILLE	EST	75	6680	LOG	
CLV GP S	EST	75	4730	LOG	
CLV GP M	LOG	4730	6680	LOG	
NANUSHUK	LOG	6680	6860	LOG	
TOROK	LOG	6860	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1E SEC: 15 SURF. EAST UNIT UNIT 2
 AT: 069 21 33 LONG: 151 51 42 SURF. API NUMBER: 50-287-20002-00-00
 R ELEV.: 357 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 2841

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	12	150	SPL	
COLVILLE	SPL	150	1765	LOG	
CLV GP M	SPL	150	1765	LOG	
NANUSHUK	LOG	1765	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1E SEC: 21 SURF. COLVILLE UNIT 1
 AT: 069 20 13 LONG: 151 54 43 SURF. API NUMBER: 50-287-20003-00-00
 R ELEV.: 537 ROCK UNIT AT T.O.: NANUSHUK TOTAL DEPTH: 4150

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	23	75	EST	
COLVILLE	EST	75	2950	LOG	
NANUSHUK	LOG	2950	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 1S RGE: 1E SEC: 11 SURF. COLVILLE UNIT 2
 AT: 069 21 55 LONG: 151 49 55 SURF. API NUMBER: 50-287-20004-00-00
 R ELEV.: 372 ROCK UNIT AT T.O.: TOROK TOTAL DEPTH: 3254

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	23	75	EST	
COLVILLE	EST	75	1725	LOG	
NANUSHUK	LOG	1725	3100	LOG	
TOROK	LOG	3100	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

03/15/81

TWP: 1S RGE: 1W SEC: 5 SURF. SEABEE 1
 AT: 069 22 48 LONG: 152 10 31 SURF. API NUMBER: 50-287-20007-00-00
 ELEV.: 322 ROCK UNIT AT T.D.: KINGAK TOTAL DEPTH: 15611

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	08/01/81
GRK/SFD	SUR	30	100	EST	
COLVILLE	EST	100	280	LOG	
CLV GP M	EST	100	280	LOG	
NANUSHUK	LOG	280	1295	LOG	
TOROK	LOG	1295	7540	LOG	
LTK/FTM	LOG	7540	13000	LOG	
PABL SWL	LOG	13000	13200	LOG	
PBLSH GR	LOG	13070	13105	LOG	
PBLSH UFM	LOG	13200	13200	LOG	
KINGAK	LOG	13200	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 7N RGE: 34W SEC: 25 SURF. KAOLAK 1
 AT: 069 55 59 LONG: 160 14 50 SURF. API NUMBER: 50-297-10001-00-00
 ELEV.: 178 ROCK UNIT AT T.D.: TOROK TOTAL DEPTH: 6952

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	02/16/81
GRK/SFD	SUR	14	110	EST	
NANUSHUK	EST	110	5205	LOG	
TOROK	LOG	5205	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

06/01/81

TWP: 10N RGE: 35W SEC: 20 SURF. TUNALIK 1
 AT: 070 12 20 LONG: 161 4 9 SURF. API NUMBER: 50-301-20001-00-00
 ELEV.: 110 ROCK UNIT AT T.D.: LISBURNE TOTAL DEPTH: 20335

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	30	100	EST	
NANUSHUK	EST	100	6250	LOG	
TOROK	LOG	6250	10635	LOG	
PABL SWL	LOG	10635	10900	LOG	
PBLSH GR	LOG	10635	10675	LOG	
PBLSH UFM	LOG	10900	10900	LOG	
KINGAK	LOG	10900	14350	LOG	
SAG RV	LOG	14350	14510	LOG	
SHUELIK	LOG	14510	14825	LOG	
SADLRCT	LOG	14825	17100	LOG	
FIRE CRK	LOG	14825	15560	LOG	
KAVIK SH	LOG	15560	16805	LOG	
ECHOOKA	LOG	16805	17100	LOG	
LISBURNE	LOG	17100	----		

BIRD

NORTH SLOPE ROCK UNIT REPORT

02/01/81

TWP: 16N RBE: 28W SEC: 25 SURF. PEARD 1
 AT: 070 42 56 LONG: 159 00 2 SURF. API NUMBER: 50-301-20002-00-00
 ELEV.: 103 ROCK UNIT AT T.D.: BSM CPLX TOTAL DEPTH: 10225

ROCK UNIT	TYPE	TOP	BOTTOM	TYPE	07/01/81
GRK/SFD	SUR	20	80	EST	
WANUSHUK	EST	80	2470	LOG	
TOPOK	LOG	2470	6195	LOG	
PRBL SHL	LOG	6195	6525	LOG	
PRLSH GR	LOG	6195	6370	LOG	
PRLS UFM	LOG	6525	6525	LOG	
KINGAK	LOG	6525	8340	LOG	
SMPN SS	LOG	7830	7950	LOG	
SAG RV	LOG	8340	8465	LOG	
SHUELYK	LOG	8465	8740	LOG	
SACLRCY	LOG	8740	9640	LOG	
FIRE CRK	LOG	8740	8855	LOG	
IVSK SS	LOG	8855	9360	LOG	
KAVIK SH	LOG	9360	9475	LOG	
ECHOOKA	LOG	9475	9640	LOG	
BSM CPLX	LOG	9640	---		

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